

SOLICITATION, OFFER AND AWARD			1. This Contract Is A Rated Order Under DPAS (15 CFR 700)		Rating DOA4	Page 1 of 146
2. Contract No.		3. Solicitation No. DAAE07-03-R-T006		4. Type of Solicitation Negotiated (RFP)	5. Date Issued 2002NOV26	6. Requisition/Purchase No. SEE SCHEDULE
7. Issued By TACOM AMSTA-LC-CJEA WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL			Code W56HZV	8. Address Offer To (If Other Than Item 7)		

SOLICITATION NOTE: In sealed bid solicitations 'offer' and 'offeror' mean 'bid' and 'bidder'.

9. Sealed offers in original and 1 signed copies for furnishing the supplies or services in the Schedule will be received at the place specified in item 8, or if handcarried, in the depository located in _____ until 05:00pm (hour) local time 2003JAN07 (Date).

Caution - Late Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.

10. For Information Call:	Name LANITA MCGRAW E-mail address: MCGRAWL@TACOM.ARMY.MIL	Telephone No. (Include Area Code) (NO Collect Calls) (586) 574-8309
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11. Table Of Contents

(X)	Section	Description	Page(s)	(X)	Section	Description	Page(s)
Part I - The Schedule				Part II - Contract Clauses			
X	A	Solicitation/Contract Form	1	X	I	Contract Clauses	65
X	B	Supplies or Services and Prices/Costs	4	Part III - List Of Documents, Exhibits, And Other Attachments			
X	C	Description/Specs./Work Statement	27	X	J	List of Attachments	75
X	D	Packaging and Marking	46	Part IV - Representations And Instructions			
X	E	Inspection and Acceptance	48	X	K	Representations, Certifications, and Other Statements of Offerors	109
X	F	Deliveries or Performance	55				
X	G	Contract Administration Data	58	X	L	Instrs., Conds., and Notices to Offerors	128
X	H	Special Contract Requirements	59	X	M	Evaluation Factors for Award	142

OFFER (Must be fully completed by offeror)

NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.

12. In compliance with the above, the undersigned agrees, if this offer is accepted within _____ calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

13. Discount For Prompt Payment
(See Section I, Clause No. 52.232-8)

14. Acknowledgment of Amendments (The offeror acknowledges receipt of amendments to the Solicitation for offerors and related documents numbered and dated:

Amendment Number	Date	Amendment Number	Date

15A. Contractor/Offeror/Quoter		Code	Facility	16. Name and Title of Person Authorized to Sign Offer (Type or Print)	
15B. Telephone Number (Include Area Code)		15C. Check if Remittance Address is <input type="checkbox"/> Different From Blk 15A- Furnish Such Address In Offer		17. Signature	18. Offer Date

AWARD (To be completed by Government)

19. Accepted As To Items Numbered		20. Amount	21. Accounting And Appropriation		
22. Authority For Using Other Than Full And Open Competition: <input type="checkbox"/> 10 U.S.C. 2304(c)() <input type="checkbox"/> 41 U.S.C. 253(c)()			23. Submit Invoices To Address Shown In (4 copies unless otherwise specified)		
24. Administered By (If other than Item 7)		Code	25. Payment Will Be Made By		
SCD PAS ADP PT					
26. Name of Contracting Officer (Type or Print)			27. United States Of America (Signature of Contracting Officer)		28. Award Date

IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 2 of 146 REPRINT
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Name of Offeror or Contractor:

SECTION A - SUPPLEMENTAL INFORMATION

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
A-1	52.204-4016 (TACOM)	TACOM-WARREN ELECTRONIC CONTRACTING	MAR/2001

(a) TACOM is now operating in an electronic contracting environment. All TACOM solicitations and awards are now distributed on the TACOM Warren Business Opportunities web page (<http://contracting.tacom.army.mil/opportunity.htm>) and are no longer available in hard copy. The TDPs and other documents, when available electronically, will be an attachment or linked to the solicitation package on the web. Please see submission guidelines at <http://contracting.tacom.army.mil/userguide.htm> and <http://contracting.tacom.army.mil/ebidnotice.htm> for more information. Any requirements included in the solicitation take precedence over guidance found on the TACOM contracting web page.

(b) You may need to use special software to view documents that we post on the home page. This viewing software is freeware, available for download at no cost from commercial web sites like Microsoft and Adobe. In cases where such software is required, we provide a link from our page to the commercial site where the software is available. Once you arrive at the software developer's site, follow their instructions to download the free viewer. You then can return to the TACOM home page.

(c) You are required to submit your offer, bid, or quote electronically. See the provision entitled "Electronic Offers (or 'Quotes' or 'Bids') Required in Response to This Solicitation (or 'Request for Quotations')" for more specific information.

(d) Any award issued as a result of this solicitation will be distributed electronically. Awards posted on the TACOM Warren Business Opportunities web page represent complete OFFICIAL copies of contract awards.

(e) If you have questions or need help in using the Acquisition Center Home Page, call our Electronic Contracting Help Desk at (586) 574-7059, or send an email message to: acqcenweb@tacom.army.mil

(f) If you have questions about the content of any specific item posted on our home page, please call the buyer or point of contact listed for the item. Additional help is available to small businesses from Government-funded Electronic Commerce Regional Centers (ECRCs) to implement EDI. Information on ECRC is available at <http://www.ecrc.ctc.com>

[End of Clause]

A-2	52.214-4003 (TACOM)	ALL OR NONE	MAR/1998
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Offers in response to this solicitation must be submitted for the total quantity of the items identified in the solicitation.

(1) ONLY ONE AWARD WILL BE MADE AS A RESULT OF THIS SOLICITATION.

(2) OFFERS SUBMITTED FOR LESS THAN THE TOTAL QUANTITIES OF ALL THE ITEMS IN THIS SOLICITATION WILL BE DEEMED NONRESPONSIVE.

[End of Clause]

A-3	52.215-4854 (TACOM)	PAPERLESS ELECTRONIC RESPONSES REQUIRED IN RESPONSE TO THIS SOLICITATION/REQUEST	JUL/2002
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TACOM WILL NOT ACCEPT PAPER OFFERS IN RESPONSE TO THIS SOLICITATION/REQUEST. YOU ARE REQUIRED TO SUBMIT YOUR OFFER, BID, OR QUOTE VIA PAPERLESS ELECTRONIC MEDIA. SEE THE PROVISION ENTITLED "ELECTRONIC OFFERS (OR 'QUOTES' OR 'BIDS') REQUIRED IN RESPONSE TO THIS SOLICITATION (OR 'REQUEST FOR QUOTATIONS')" FOR MORE SPECIFIC INFORMATION.

[End of Clause]

A-4	52.242-4021 (TACOM)	NOTICE REGARDING PLACEMENT OF DELIVERY ORDERS AND CONTRACTUAL ADMINISTRATION	JUL/1999
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During the term of this contract, authority may be granted to agencies other than TACOM including Defense Supply Center, Defense Logistics Agency ("DSC/DLA"), Richmond, VA for placement of delivery orders under this contract. Administration of this contract may also be transferred to such agencies, including DSC/DLA.

[End of Clause]

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 3 of 146 REPRINT
Name of Offeror or Contractor:		

A.5 The Contractor may work with Stewart & Stevenson, designer and manufacturer of the M1095 trailer, allowing their input towards designing a system capable of meeting all trailer compatibility requirements.

A.6 All offerors are reminded that this is a Small Business Set Aside, and that the offeror must meet the requirements of FAR 52.219-6.

A.7 In accordance with FAR 9.507-1, all offerors should be aware of any potential organizational conflicts of interest of their firm or any subcontractor they may propose to use for this action. Potential conflicts of interest may include use of firms which provided support to TACOM or other Army organizations in development and preparation of the Camel requirements. During the course of the evaluation of offers, the Government reserves the right to review any potential of real or apparent organizational conflict of interest of an offeror or offeror's subcontractor.

*** END OF NARRATIVE A 001 ***

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS <u>Supplies or Services and Prices/Costs</u> NOUN: UNIT WATER POD SYSTEM - CAMEL SECURITY CLASS: Unclassified				
0001AA	<u>SYSTEM DESIGN & DEVELOPMENT - PROTOTYPES</u> Prototypes shall be produced in accordance with Section C.1 through C.16 of the scope of work. (End of narrative C001) <u>Packaging and Marking</u> Preservation, Packaging, Packing, and Marking shall be IAW Section D of the scope of the contract. (End of narrative D001) <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin FOB POINT: Origin SHIP TO: <u>PARCEL POST ADDRESS</u> (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.	4	EA	\$ _____	\$ _____

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	<u>Supplies or Services and Prices/Costs</u> NOUN: CAMEL SECURITY CLASS: Unclassified				
0002AA	<u>FIRST ARTICLE - UNIT WATER POD SYSTEM</u> The First Article Test Units shall be produced in accordance with Sections C.2 through C.9, C.19, C.20 (excluding C.20.3 and C.20.4), C.21, C.22, C.24 through C.29 and Section E of the scope of work. <div style="text-align: center;">(End of narrative B001)</div> <u>Packaging and Marking</u> <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin Government Approval/Disapproval Days: 450 FOB POINT: Origin SHIP TO: <u>PARCEL POST ADDRESS</u> (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.	4	EA	\$ _____	\$ _____
0002AB	<u>FIRST ORDERING YEAR</u> Date of contract award plus 364 days. The first production ordering period includes the four first article test units under CLIN 0002AA. <div style="text-align: center;">(End of narrative B001)</div> <u>Packaging and Marking</u> Preservation, Packaging, Packing, and Marking shall be IAW Section D of the scope of the contract. <div style="text-align: center;">(End of narrative D001)</div> <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin FOB POINT: Origin	EST 104	EA	\$ _____	\$ _____

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SHIP TO: <u>PARCEL POST ADDRESS</u> (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.				

[illegible]

[illegible]

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005	<u>Supplies or Services and Prices/Costs</u> NOUN: CAMEL SECURITY CLASS: Unclassified				
0005AA	<u>FOURTH ORDERING YEAR</u> 1095 days through 1459 days after contract award. <div style="text-align: center;">(End of narrative B001)</div> <u>Packaging and Marking</u> Preservation, Packaging, Packing, and Marking shall be IAW Section D of the scope of the contract. <div style="text-align: center;">(End of narrative D001)</div> <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin FOB POINT: Origin SHIP TO: <u>PARCEL POST ADDRESS</u> (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.	EST 255	EA	\$ _____	\$ _____

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page 10 of 146</p> <p align="center">REPRINT</p>
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<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page 10 of 146</p> <p align="center">REPRINT</p>
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CONTINUATION SHEET	Reference No. of Document Being Continued	Page 10 of 146
	PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	REPRINT

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006	<u>Supplies or Services and Prices/Costs</u> NOUN: CAMEL SECURITY CLASS: Unclassified				
0006AA	<u>FIFTH ORDERING YEAR</u> 1460 days through 1824 days after contract award. (End of narrative B001) <u>Packaging and Marking</u> Preservation, Packaging, Packing, and Marking shall be IAW Section D of the scope of the contract. (End of narrative D001) <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin FOB POINT: Origin SHIP TO: <u>PARCEL POST ADDRESS</u> (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.	EST 386	EA	\$ _____	\$ _____

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 11 of 146 REPRINT
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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0007	<u>Supplies or Services and Prices/Costs</u> SECURITY CLASS: Unclassified <u>CONTRACT DATA REQUIREMENTS LIST</u> Technical Data as set forth in Contract Data Requirements List (DD Form 1423) hereinafter referred to as Exhibit A. (End of narrative B001)				
A001	<u>CONTRACTOR PROGRESS, STATUS, MGMT REPORT</u> Applicable to the SDD Prototype Phase and First Production Ordering Period only. (End of narrative B001)	1	LO	\$ ** NSP **	\$ ** NSP **
A002	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>SAFETY ASSESSMENT REPORT</u> Applicable to the SDD Prototype Phase and ALL Production Ordering Periods. (End of narrative B001)	1	LO	\$ ** NSP **	\$ ** NSP **
A003	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>TRANSPORTABILITY REPORT</u> Applicable to the SDD Prototype Phase and First Production Ordering Period only. (End of narrative B001)	1	LO	\$ ** NSP **	\$ ** NSP **
A004	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>QUALITY DEFICIENCY REPORT</u> Applicable to the SDD Prototype Phase and ALL	1	LO	\$ ** NSP **	\$ ** NSP **

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A005	Production Ordering Periods. (End of narrative B001) <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>SYSTEM SUPPORT PKG. COMPONENT LIST</u>	1	LO	\$ ** NSP **	\$ ** NSP **
	Applicable to the SDD Prototype Phase and First Production Ordering Period only. (End of narrative B001) <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>FAILURE ANALYSIS & CORRECTIVE ACTION REPORT</u>				
A006	Applicable to the SDD Prototype Phase and First Production Ordering Period only. (End of narrative B001) <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>FINAL SCIENTIFIC AND TECHNICAL REPORT</u>	1	LO	\$ ** NSP **	\$ ** NSP **
	Applicable to the SDD Prototype Phase. (End of narrative B001) <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>ENGINEERING CHANGE PROPOSAL</u>				
A007	Applicable to ALL production ordering periods. (End of narrative B001) <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>ENGINEERING CHANGE PROPOSAL</u>	1	LO	\$ ** NSP **	\$ ** NSP **
	Applicable to ALL production ordering periods. (End of narrative B001) <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>ENGINEERING CHANGE PROPOSAL</u>				
A009	Applicable to ALL production ordering periods. (End of narrative B001) <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>ENGINEERING CHANGE PROPOSAL</u>	1	LO	\$ ** NSP **	\$ ** NSP **
	Applicable to ALL production ordering periods. (End of narrative B001) <u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>ENGINEERING CHANGE PROPOSAL</u>				

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A00A	(End of narrative B001)				
	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination				
	<u>REQUEST FOR DEVIATIONS</u> Applicable to ALL production ordering periods.	1	LO	\$ <u> ** NSP ** </u>	\$ <u> ** NSP ** </u>
A00B	(End of narrative B001)				
	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination				
	<u>NOTICE OF REVISIONS</u> Applicable to ALL production ordering periods.	1	LO	\$ <u> ** NSP ** </u>	\$ <u> ** NSP ** </u>
A00C	(End of narrative B001)				
	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination				
	<u>CONFIGURATION STATUS ACCOUNTING</u> Applicable to first production ordering period only.	1	LO	\$ <u> ** NSP ** </u>	\$ <u> ** NSP ** </u>
A00E	(End of narrative B001)				
	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination				
	<u>TECHNICAL MANUALS</u> Applicable to first production ordering period only.	1	LO	\$ <u> ** NSP ** </u>	\$ <u> ** NSP ** </u>
	(End of narrative B001)				
	<u>Packaging and Marking</u>				

[illegible]

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A00H	(End of narrative B001) Packaging and Marking Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Destination Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG_CD MARK FOR TP_CD 001 3 DEL REL CD QUANTITY DEL DATE 001 1 SEE DD FORM 1423 FOB POINT: Destination SHIP TO: (000000) SEE DD 1423 FOR DISTRIBUTION OF THIS ITEM	1	LO	\$ ** NSP **	\$ ** NSP **
A00J	(End of narrative B001) Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination LOGISTICS MGMT INFORMATION DATA PRODUCTS Applicable to first production ordering period only.	1	LO	\$ ** NSP **	\$ ** NSP **
A00K	(End of narrative B001) Inspection and Acceptance INSPECTION: Destination ACCEPTANCE: Destination LOGISTICS MANAGEMENT INFORMATION (LMI) Applicable to first production ordering period only.	1	LO	\$ ** NSP **	\$ ** NSP **

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 16 of 146 REPRINT
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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A00L	<p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>LOGISTICS MANAGEMENT INFORMATION (LMI)</u></p> <p>Applicable to first production ordering period only.</p>	1	LO	\$ ** NSP **	\$ ** NSP **
A00M	<p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>LOGISTICS MGMT INFORMATION DATA PRODUCTS</u></p> <p>Applicable to first production ordering period only.</p>	1	LO	\$ ** NSP **	\$ ** NSP **
A00N	<p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>LOGISTICS MGMT INFORMATION DATA PRODUCTS</u></p> <p>Applicable to first production ordering period only.</p>	1	LO	\$ ** NSP **	\$ ** NSP **
A00P	<p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>SPECIAL EQUIP. TOOLS AND TEST EQUIP. LIST</u></p> <p>Applicable to first production ordering period only.</p>	1	LO	\$ ** NSP **	\$ ** NSP **

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A00Q	(End of narrative B001)				
	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>SPECIAL PACKAGING INSTRUCTIONS (SPI)</u> Applicable to first production ordering period only.	1	LO	\$ ** NSP **	\$ ** NSP **
	(End of narrative B001)				
A00R	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>LOGISTICS MGMT INFORMATION DATA PRODUCTS</u> Applicable to first production ordering period only.	1	LO	\$ ** NSP **	\$ ** NSP **
	(End of narrative B001)				
	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>SPECIAL PACKAGING INSTRUCTIONS</u> Applicable to first production ordering period only.	1	LO	\$ ** NSP **	\$ ** NSP **
A00S	(End of narrative B001)				
	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>TRAINING MATERIALS</u> Applicable to first production ordering period only.	1	LO	\$ ** NSP **	\$ ** NSP **
	(End of narrative B001)				
A00T	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>TRAINING MATERIALS</u> Applicable to first production ordering period only.	1	LO	\$ ** NSP **	\$ ** NSP **
	(End of narrative B001)				
	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>TRAINING MATERIALS</u> Applicable to first production ordering period only.	1	LO	\$ ** NSP **	\$ ** NSP **
A00T	(End of narrative B001)				
	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>TRAINING MATERIALS</u> Applicable to first production ordering period only.	1	LO	\$ ** NSP **	\$ ** NSP **
	(End of narrative B001)				

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A00U	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>TRAINING MATERIALS</u> Applicable to first production ordering period only. (End of narrative B001)	1	LO	\$ <u> ** NSP ** </u>	\$ <u> ** NSP ** </u>
A00V	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>TRAINING MATERIALS</u> Applicable to first production ordering period only. (End of narrative B001)	1	LO	\$ <u> ** NSP ** </u>	\$ <u> ** NSP ** </u>
A00W	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>TEST PROCEDURE</u> Applicable to first production ordering period only. (End of narrative B001)	1	LO	\$ <u> ** NSP ** </u>	\$ <u> ** NSP ** </u>
A00X	<u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination <u>CONFERENCE MINUTES</u> Applicable to the SDD Prototype Phase and ALL Production Ordering Periods. (End of narrative B001) <u>Inspection and Acceptance</u>	1	LO	\$ <u> ** NSP ** </u>	\$ <u> ** NSP ** </u>

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A00Z	<div>INSPECTION: DestinationACCEPTANCE: Destination</div> <div>TECHNICAL MANUAL</div> <div>Applicable to the SDD Prototype Phase.</div> <div>(End of narrative B001)</div> <div>Packaging and Marking</div> <div>Inspection and Acceptance</div> <div>INSPECTION: OriginACCEPTANCE: Destination</div> <div>Deliveries or Performance</div> <div>DOC SUPPL</div> <div>REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD</div> <div>0013</div> <div>DEL REL CD QUANTITY DEL DATE</div> <div>0011SEE DD FORM 1423</div> <div>FOB POINT: Destination</div> <div>SHIP TO:</div> <div>(000000) SEE DD 1423 FOR DISTRIBUTION OF THIS ITEM</div>	1	LO	\$ ** NSP **	\$ ** NSP **

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	CLINs 0008 and 0009 are hereby reserved.				
	(End of narrative A001)				
0010	<u>Supplies or Services and Prices/Costs</u>				
	SECURITY CLASS: Unclassified				
0010AA	<u>OPTION - INTERIM CONTRACTOR SUPPORT</u>	1	LO		\$ _____
	This is a one time, ceiling priced option. It shall be performed in accordance with section C.33 and H.29 of the scope of work.				
	(End of narrative B001)				
	<u>Inspection and Acceptance</u>				
	INSPECTION: Origin ACCEPTANCE: Destination				
0011	<u>Supplies or Services and Prices/Costs</u>				
	SECURITY CLASS: Unclassified				
0011AA	<u>OPTION - DISTANCE LEARNING</u>	1	LO		\$ _____
	This is a one time option and it shall be performed in accordance with section C.30 and H.31 of the scope of work.				
	(End of narrative B001)				
	<u>Inspection and Acceptance</u>				
	INSPECTION: Origin ACCEPTANCE: Destination				
0012	<u>Supplies or Services and Prices/Costs</u>				
	SECURITY CLASS: Unclassified				
0012AA	<u>OPTION - FIELD SERVICE REPRESENTATIVE</u>	1	LO		\$ _____
	Prices listed under this CLIN shall reflect the offeror's rate for man-days of service (to include all the offeror's applicable rates).				
	This option is required for each year of production. It shall be performed in accordance				

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p>with section C.31 and H.32 of the scope of work.</p> <p style="text-align: center;">(End of narrative B001)</p> <p>NOTE: THE PRICE APPLICABLE TO AN INDIVIDUAL ORDER IS THE PRICE FOR THE ORDERING YEAR IN WHICH THE ORDER IS ISSUED. THE DELIVERY DATE DOES NOT DETERMINE THE ORDERING YEAR.</p> <p>EACH 30 DAY MAN-DAY PERIOD INCLUDES A TOTAL OF THREE (3) FIELD SERVICE REPRESENTATIVES.</p> <p>FIRST ORDERING YEAR ESTIMATED QUANTITY: 30 MAN-DAYS</p> <p>SECOND ORDERING YEAR ESTIMATED QUANTITY: 30 MAN-DAYS</p> <p>THIRD ORDERING YEAR ESTIMATED QUANTITY: 30 MAN-DAYS</p> <p>FOURTH ORDERING YEAR ESTIMATED QUANTITY: 30 MAN-DAYS</p> <p>FIFTH ORDERING YEAR ESTIMATED QUANTITY: 30 MAN-DAYS</p> <p style="text-align: center;">(End of narrative B002)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Destination</p>				
0013	<p><u>Supplies or Services and Prices/Costs</u></p> <p>SECURITY CLASS: Unclassified</p>				
0013AA	<p><u>OPTION - CONTINGENCY OPERATION</u></p> <p>This is a one time, unpriced option and it shall be performed in accordance with section C.32 and H.33 of the scope of work.</p> <p style="text-align: center;">(End of narrative B001)</p>	1	LO		\$ <u> </u> ** NSP **

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0014	<u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Destination	1	LO		
	<u>Supplies or Services and Prices/Costs</u>				
	SECURITY CLASS: Unclassified				
0014AA	<u>OPTION - TEST ARTICLE REFURBISHMENT</u> This is a one time option and it shall be performed in accordance with section C.26.4 and H.30 of the scope of work. (End of narrative B001)				\$ _____
0015	<u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Destination	1	LO		
	<u>Supplies or Services and Prices/Costs</u>				
	SECURITY CLASS: Unclassified				
0015AA	<u>OPTION - PRODUCT DRAWINGS</u> This is a one time option and it shall be performed in accordance with section C.20.3, C.20.4, and H.34 of the scope of work. (End of narrative B001)				\$ _____
0016	<u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Destination	1	LO		
	<u>Supplies or Services and Prices/Costs</u>				
	SECURITY CLASS: Unclassified				
0016AA	<u>OPTION - ADDITIONAL TRAINING</u> The prices set forth below represent the amount for conducting New Equipment Training (NET) classes (to include all the offeror's applicable overhead rates) This option is required for each year of production. It shall be performed in accordance with section C.27 and H.28 of the scope of work.				\$ _____

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<div>(End of narrative B001)</div> <div>NOTE: THE PRICE APPLICABLE TO AN INDIVIDUAL ORDER IS THE PRICE FOR THE ORDERING YEAR IN WHICH THE ORDER IS ISSUED. THE DELIVERY DATE DOES NOT DETERMINE THE ORDERING YEAR.</div> <div>FIRST ORDERING YEAR ESTIMATED QUANTITY: 12 CLASSES12\$__\$__\$</div> <div>SECOND ORDERING YEAR ESTIMATED QUANTITY: 12 CLASSES12\$__\$__\$</div> <div>THIRD ORDERING YEAR ESTIMATED QUANTITY: 12 CLASSES12\$__\$__\$</div> <div>FOURTH ORDERING YEAR ESTIMATED QUANTITY: 12 CLASSES12\$__\$__\$</div> <div>FIFTH ORDERING YEAR ESTIMATED QUANTITY: 12 CLASSES12\$__\$__\$</div> <div>(End of narrative B002)</div> <div>Inspection and Acceptance</div> <div>INSPECTION: OriginACCEPTANCE: Destination</div>				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT																		
0017	<u>Supplies or Services and Prices/Costs</u> SECURITY CLASS: Unclassified <u>OPTION - CONTRACT DATA REQUIREMENTS LIST</u> Technical Data as set forth in Contract Data Requirements List (DD Form 1423) hereinafter referred to as Exhibit A. <div style="text-align: center;">(End of narrative B001)</div>																						
A008	<u>PHYSICAL CONFIGURATION AUDIT SUMMARY REPORT</u> <u>Packaging and Marking</u> <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Destination <u>Deliveries or Performance</u> DOC SUPPL <table border="0" style="width: 100%;"> <tr> <td><u>REL CD</u></td><td><u>MILSTRIP</u></td><td><u>ADDR</u></td><td><u>SIG CD</u></td><td><u>MARK FOR</u></td><td><u>TP CD</u></td></tr> <tr> <td>001</td><td></td><td></td><td></td><td></td><td>3</td></tr> </table> <table border="0" style="width: 100%;"> <tr> <td><u>DEL REL CD</u></td><td><u>QUANTITY</u></td><td><u>DEL DATE</u></td></tr> <tr> <td>001</td><td>1</td><td>SEE DD FORM 1423</td></tr> </table> FOB POINT: Destination SHIP TO: <u>PARCEL POST ADDRESS</u> (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.	<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>	001					3	<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DEL DATE</u>	001	1	SEE DD FORM 1423	1	LO	\$ _____	\$ _____
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001	1	SEE DD FORM 1423																					
A00D	<u>PRODUCT DRAWINGS & ASSOCIATED LISTS</u> <u>Packaging and Marking</u> <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Destination <u>Deliveries or Performance</u> DOC SUPPL <table border="0" style="width: 100%;"> <tr> <td><u>REL CD</u></td><td><u>MILSTRIP</u></td><td><u>ADDR</u></td><td><u>SIG CD</u></td><td><u>MARK FOR</u></td><td><u>TP CD</u></td></tr> <tr> <td>001</td><td></td><td></td><td></td><td></td><td>3</td></tr> </table> <table border="0" style="width: 100%;"> <tr> <td><u>DEL REL CD</u></td><td><u>QUANTITY</u></td><td><u>DEL DATE</u></td></tr> <tr> <td>001</td><td>1</td><td>SEE DD FORM 1423</td></tr> </table> FOB POINT: Destination SHIP TO: <u>PARCEL POST ADDRESS</u> (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR	<u>REL CD</u>	<u>MILSTRIP</u>	<u>ADDR</u>	<u>SIG CD</u>	<u>MARK FOR</u>	<u>TP CD</u>	001					3	<u>DEL REL CD</u>	<u>QUANTITY</u>	<u>DEL DATE</u>	001	1	SEE DD FORM 1423	1	LO	\$ _____	\$ _____
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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A00Y	<div>ITEMS REQUIRED UNDER THIS REQUISITION.</div> <div>INSTRUCTIONAL MEDIA PACKAGE</div> <div>Packaging and Marking</div> <div>Inspection and Acceptance</div> <div>INSPECTION: OriginACCEPTANCE: Destination</div> <div>Deliveries or Performance</div> <div>DOC SUPPL</div> <div>REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD</div> <div>0013</div> <div>DEL REL CD QUANTITY DEL DATE</div> <div>0011SEE DD FORM 1423</div> <div>FOB POINT: Destination</div> <div>SHIP TO: PARCEL POST ADDRESS</div> <div>(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE</div> <div>(SHIP-TO) WILL BE FURNISHED PRIOR</div> <div>TO THE SCHEDULED DELIVERY DATE FOR</div> <div>ITEMS REQUIRED UNDER THIS</div> <div>REQUISITION.</div>	1	LO	\$	\$

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 26 of 146 REPRINT
Name of Offeror or Contractor:		

B.1 INSTALLATION OF GOVERNMENT FURNISHED MATERIAL and/or PROPERTY

The unit price for any CAMEL acquired under this solicitation includes charges for installation of any Government furnished item.

B.2 CONTRACT DATA REQUIREMENTS

The cost of data requirements listed in the solicitation form DD Form 1423's under CLIN 0007 are included in the CAMEL unit price(s).

*** END OF NARRATIVE B 001 ***

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 27 of 146 REPRINT
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Name of Offeror or Contractor:

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

UNIT WATER POD SYSTEM

Combined System Design and Development and Production STATEMENT OF WORK

C.1 General

C.1.1 The Contractor, as an independent Contractor and not as an agent of the Government, shall provide the supplies and services required by this Statement of Work (SOW), as required by Delivery Orders issued by the Contracting Officer under this contract.

C.1.2 The SOW for the Unit Water Pod System, hereinafter referred to as the Camel, is structured in three parts. The first part is common tasks required under both the System Design and Development (SDD) Phase, and the Production Phase. The second part contains tasks unique to the SDD Phase. The third part contains tasks unique to the Production Phase. The Government may include common tasks and related data requirements in any order issued for SDD or production.

Common SOW:

C.2 The Camel system requirements are stated in Purchase Description (PD) # ATPD 2314 dated 4 November 2002.

C.2.1 The Contractor shall deliver each Camel in a complete system configuration, incorporating Contractor-developed components and Government Furnished Material, Property or Equipment (GFM, GFE, GFP). It is the Contractor's responsibility to integrate and assemble all components and parts necessary to form a complete system.

C.2.2 Tiering of Specification and Standards. The following documents used for the procurement of this system(s) shall be designated as "first tier" requirements, and all requirements therein shall be applicable to this procurement. Design and performance data identified in commercially-based standards, practices, and specifications as "General Notes" and "Notes" (e.g. ASTM, CIDs, and similar) shall be required for the purposes of design and performance criteria, Government and Contractor-conducted testing, and other verification activities. The Government's objective in requiring what would normally be considered secondary or tertiary-level and referenced information is due to the non-availability of a traditional Government or commercial-style document that would satisfy the procurement requirements.

- a. CID (Commercial Item Descriptions IAW the Federal Standardization Manual)
- b. ASME (American Society of Mechanical Engineers)
- c. SAE (Society of Automotive Engineers)
- d. ASTM (American Society for Testing and Materials)
- e. Other specified commercially based specifications or requirements
- f. Other specified regulatory-based requirements (for example, EPA (Environmental Protection Agency), OSHA (Occupational Safety and Health Administration), UL (Underwriters Laboratory), NSF (National Sanitation Foundation))

C.3 INTEGRATED PRODUCT TEAM (IPT)

C.3.1 The Contractor and the Government shall use an Integrated Product Team (IPT) jointly chaired by both Government and Contractor as the primary management vehicle for monitoring the status of the work described in this contract. The Government and Contractor shall use teleconferencing, Internet Home Pages, and shared common databases to ease communication if agreed upon by all parties. IPT members may include personnel designated by the Contractor, the Contracting Officer, the Product Manager (PM), and other offices or agencies.

C.3.2 The Government proposes to enter into a voluntary Partnering arrangement with the Contractor. Partnering is a commitment between Government and industry to improve communications and avoid disputes. It is accomplished through an informal process with the primary goal of providing American soldiers with quality supplies and services, on time, and at a reasonable price. Should the Contractor and Government agree to voluntarily enter into a Partnering relationship, we will follow the guidance in the Army Materiel Command (AMC) Guide: "Partnering for Success". This guide is located on the Internet at:

http://www.amc.army.mil/amc/command_counsel/resources/documents/Partneringguide/partnering_guide.pdf

See Section L for more information.

C.4 DATA SUBMISSION REQUIREMENTS

C.4.1 The Contractor shall deliver all data under this contract, in English, electronically (unless otherwise specified) via Web site, electronic mail in MS Office (version 97 or lower) and Windows compatible format, Compact Disc, or diskette. Required data shall be delivered to the Government in accordance with the requirements of Exhibit A, the Contract Data Requirements List (CDRL). The Government will provide electronic mail addresses during the start of work meeting.

C.4.2 In addition to the addresses listed in block 14 of the CDRL, an electronic copy of the cover letter shall be submitted to the System Acquisition Manager (SAM) and the Procuring Contracting Officer (PCO).

C.4.3 The Contractor shall prepare technical data and reports as specified in the applicable Data Item Description (DID), or as described elsewhere in the contract. In the case of an inconsistency between the DID and the contract, the requirements of the contract shall prevail. Tailored DIDs referenced in the contract SOW and CDRLs are identified in Section J as attachments to the contract.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 28 of 146 REPRINT
Name of Offeror or Contractor:		

C.5 CONFERENCES, MEETINGS, AND REVIEWS.

C.5.1 The Contractor shall conduct conferences, meetings, and reviews to provide the Government the means to assess the progress of the total technical effort and to address identified program issues and risks. Before such meetings, the participants shall agree upon a common agenda. Reviews will be conducted at the Contractors facility unless otherwise jointly agreed upon between the Contractor and the Government contracting agency. The minimum reviews required are described in the SDD and production sections of the SOW. However, the Government reserves the right to call informal reviews as deemed necessary during the course of this contract, including weekly telephonic reviews. The Contractor shall prepare the minutes of meetings, including action items and suspense dates, and deliver them in accordance with DID DI-ADMN-81250A and CDRL A00X Conferece Minutes.

C.5.2 Resources and Materials. The Contractor shall provide the necessary resources and materials to conduct the reviews effectively.

C.6 PROJECT AND SYSTEM ENGINEERING MANAGEMENT.

C.6.1 The Contractor shall establish and maintain management operations for the development of the Camel system prototypes. Project management consists of those activities required to plan, organize and direct all work to accomplish the objectives of this statement of work; control costs within the estimated contract cost; identify impending problems relating to technical, cost and schedule as early as possible; and deliver data and hardware within the schedule as set forth by this statement of work.

C.6.2 Reports. The Contractor shall prepare and submit on a monthly basis a Contractor's Progress, Status and Management Report (PSMR) in accordance with DI-MGMT-80227 (T). The Contractor shall use this report as the framework for managing and reporting project costs, adherence to schedule, problems and solutions, and other data as required by the DID.

C.7 SYSTEMS ENGINEERING.

C.7.1 Safety Engineering and Health.

C.7.1.1 Safety Engineering Principles. The Contractor shall address the Safety and Health requirements of the PD in technical reviews. The Contractor shall follow good safety engineering practices in establishing the Camel design and operational procedures, to include modifications to your commercial components. The Contractor may use MIL-STD-882D as a guide in determining whether safety engineering objectives are met. As a minimum, the Contractor shall do the following:

- a. Identify hazards associated with the system by conducting safety analyses and hazard evaluations. Analyses shall include operational, maintenance, and transport aspects of the Camel.
- b. Eliminate or reduce significant hazards by appropriate design or material selection. If hazards to personnel cannot be avoided or eliminated, take steps to control or minimize those hazards.

C.7.1.2 Safety Assessment Report (SAR) CDRL A002. As a result of system safety analyses, hazard evaluations, and any independent testing, the Contractor shall perform and document a safety assessment and health hazard assessment. The safety (and health hazard) assessment shall identify all safety features of the hardware, system design and inherent hazards and shall establish special procedures and/or precautions to be observed by our test agencies and system users. The Contractor shall prepare the Safety Assessment Report in accordance with DI-SAFT-80102B. The Contractor shall identify Health Hazards associated with the system and incorporate them into the SAR. MIL-STD-882D provides guidance in the preparation of the Safety Assessment Report and Health Hazard Assessment. In preparing the health hazard portion of the Safety Assessment Report, the Contractor shall provide a description and discussion of each potential or actual health hazard issue of concern for each subsystem or component. The Contractor shall include classification of severity and probability of occurrence, and when the hazards may be expected under normal or unusual operating or maintenance conditions. Include in the SAR copies of Material Safety Data Sheets (MSDS) for all hazardous materials incorporated into the system. The use of such materials shall be IAW the requirements set forth in ATPD 2314. The final SAR is subject to Government approval.

C.7.3 Human Factors Engineering (HFE). The Contractor shall address the operating personnel and HFE requirements of the PD. The Contractor shall address the following issues: manpower requirements, MOS and skill levels, use and manipulation of controls, operator and user accessibility to components and controls, workflow, illumination, noise, storage for personal and mission related items, operational compatibility with personal protective clothing and equipment, and component weight and lifting limitations. The Contractor shall demonstrate the adequacy of operator and user accessibility and layout of the selected components within the confines of the prime mover and immediate area during deployment. Personnel/HFE issues shall be addressed separately in appropriate Government-Contractor design and program reviews. Results of any studies, reviews, evaluations and tests that accrue throughout the design effort shall be applied to the Camel System design as appropriate and reported in the PSMR (DI-MGMT-80227(T)). Final results of this effort shall be summarized in the Final Scientific and Test Report (FSTR) (DI-MISC-80711A(T)).

C.7.4 Corrosion Resistance Analysis. The Contractor shall establish and implement a corrosion prevention and control effort. This effort shall be used to insure the Camel does not experience any degradation in performance due to corrosion or corrosion by-products over a 20-year service life. Results of any relative studies, reviews, evaluations, and tests, which accrue throughout the design effort, shall be reported in the PSMR (DI-MGMT-80227(T)). Material selections, surface treatments, coatings, relative processing methods, etc., shall be

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 29 of 146 REPRINT
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Name of Offeror or Contractor:

included as part of the results. Results of the analysis topic areas shall be discussed at design review meetings and be included in the FSTR (DI-MISC-80711A(T)).

C.7.5 Nuclear Biological Chemical (NBC) Compatibility Analysis. The Contractor shall establish and implement an NBC compatibility analysis. This effort shall be used to ensure Contractor-developed components are NBC agent/decontaminant survivable, IAW system requirements, and that potability of the Camel water payload is maintainable through an NBC event and subsequent decontamination efforts. A material listing of all exposed items shall be provided. Items (e.g. materials) painted with CARC (Chemical Agent Resistant Coating) shall be identified as such. All expendable items, e.g. elastomeric or similar, requiring replacement for decontamination shall be identified. Design efforts to eliminate spaces, gaps, or areas capable of trapping contaminants shall be addressed. The implementation of any special procedures or hardware deployments required to meet the NBC compatibility requirement shall be identified. Results of any relative studies, reviews, evaluations, and tests which accrue throughout the design effort, shall be reported in the PSMR (DI-MGMT-80227). Results of the analysis topic areas shall be discussed at design review meetings and be included in the FSTR (DI-MISC-80711A(T)).

C.8 Environmental Requirements.

C.8.1 The Contractor shall not use cadmium, hexavalent chromium, asbestos, Class I or Class II Ozone-Depleting Substances, or other highly toxic or carcinogenic materials without Government approval. The Contractor shall use non-hazardous materials to the maximum extent practicable to manufacture the Camel, and shall ensure that the material will support the intended use of the product. Recycled materials should be used to the maximum extent possible provided that they do not impact the performance and safety of the final product.

C.8.2 The Contractor shall manage the efforts described by this contract to ensure that all aspects of the contract execution, including but not limited to the following Contractor activities: design, manufacturing, testing, and storage activities, are in compliance with Federal, State and Local environmental regulations and requirements. The Contractor shall notify the PCO immediately, if the Government gives any direction that could result in permit violations.

C.8.3 Hazardous Materials Management Program. The Contractor shall establish, implement and maintain a Hazardous Materials Management Program (HMMP) using National Aerospace Standard (NAS) 411, Hazardous Materials Management Program as a guide. The purpose of this program is to eliminate or minimize (where elimination is not possible) hazardous and environmentally unacceptable materials throughout the life cycle of the system to ensure protection of human health and the environment. The Contractor shall maintain a Hazardous Materials Management program that, at a minimum, shall identify and describe the organizational relationships and responsibilities for eliminating hazardous materials, define the process used to identify the hazardous materials utilized in the manufacturing process, and establish prioritization criteria for ranking the relative risks of these hazardous materials. This program shall be discussed during program reviews.

C.8.4 Hazardous Material Management Report. The Contractor shall prepare a Hazardous Material Management Report which, at a minimum, shall identify all hazardous materials required for system production, provide a listing of prioritized hazardous materials for minimization/elimination per the criteria established in the Hazardous Materials Management Plan, and identify those hazardous materials/processes for which non-hazardous substitute materials/technologies may be available for implementation. Results shall be included in the FSTR and delivered in accordance with DI-MISC- 80711A(T).

C.9 TRANSPORTABILITY REQUIREMENTS AND MANAGEMENT OF GOVERNMENT FURNISHED MATERIAL, PROPERTY AND EQUIPMENT.

C.9.1 Transportability Report CDRL A003. The Contractor shall submit a transportability report for the Camel system IAW DI-PACK-80880B(T). Trailer tongue loads and individual wheel loads shall be included in the report, and shall be determined with the trailer positioned and supported as it would be when connected to the prime mover. Also include a brief description of the set-up and procedures used for determining tongue and wheel loads, and center of gravity location. Updated reports shall be delivered if transportation characteristics of the Camel change.

C.9.2 Transport of Hazardous Materials. For shipment from the contractors facility, hazardous materials shall be packaged and shipped separately from the Camel to prevent the Camel from being considered hazardous material for transport.

C.9.3 GOVERNMENT FURNISHED MATERIAL, PROPERTY AND EQUIPMENT.

C.9.3.1 The Government will furnish to the Contractor the items identified in Attachment 12, Government Furnished Material/Property or Equipment (GFM/P/E), to be integrated into and used as part of each Camel system. The Contractor, upon receipt of Government owned assets shall perform an inventory (with DCMC oversight and guidance) and inspection within ten working days. The inspection shall determine as a minimum if the items are in adequate condition and suitable for intended use. The Contractor shall provide notification of receipt to the Government in Contractor format. As a guide the Contractor may follow the requirements of DI-MGMT-80389B.

C.9.3.1 Upon discovery of defective GFM/P/E the Contractor shall document the results of the inspection and shall furnish a Quality Deficiency Report Standard Form 36 (QDR) in accordance with DI-QCIC-80736. The report shall as a minimum include a description of the deficiency and/or defect, quantity of GFM/P/E affected, recommended disposition or cost to repair the item.

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page 30 of 146</p> <p align="center">REPRINT</p>
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Name of Offeror or Contractor:

C.9.3.3 Handling, storage and accountability of GFM/P/E shall be in accordance with the Contractor's Quality Program.

SDD SOW

C.10 DESCRIPTION.

C.10.1 The requirements addressed in this Scope of Work pertain to the System Design and Development (SDD) phase of the Camel contract.

C.10.2 Scope. The Contractor shall design, fabricate, and deliver four (4) prototypes capable of meeting all requirements of ATPD 2314 and support the Government testing of the prototypes. The Contractor shall commence fabrication of the prototypes after the Critical Design Review (CDR). In support of this effort, the Contractor shall include development and delivery of an operators technical manual, training of Government test personnel, development and delivery of system support packages, and providing on-site technical personnel to support Government testing.

C.10.3. The Contractor shall deliver each Camel in a complete system configuration, incorporating both Contractor-developed components and Government Furnished Material. The Contractor shall be responsible for developing or supplying all components and ancillary hardware that, upon being integrated with Government furnished M1095 trailers, will result in a Camel system capable of meeting all PD requirements. Integration of Contractor-developed or supplied hardware with the M1095 trailers shall be the responsibility of the Contractor, and shall be conducted at the Contractor's facility.

C.10.4. The Contractor shall deliver the Camel prototypes with Basic Issue Items (BII) overpacked.

C.10.5. The Contractor shall deliver the Camel prototypes to the test site not later than 9 months after the SDD order award.

C.11 TEST AND EVALUATION.

C.11.1 Background: Government testing for the SDD Phase of the Camel contract shall consist of a Production Qualification Test (PQT), and a Customer Test (CT). The PQT will focus on both technical and operational characteristics as set forth in Section 3 of ATPD 2314 and will verify those items as specified in Section 4 of ATPD 2314. The Government will assess Human Factors Engineering, Safety, Logistic Supportability, and Reliability and Maintainability during these tests. The Contractor shall deliver prototype Camel systems to the test site 14 days prior to the start of Government testing. A CT shall be done using U.S. Army personnel concurrently with PQT at Yuma Proving Ground (YPG), Yuma, AZ. The CT will result in data on the system operational capabilities. The data may result in recommendations for changes which may need to be incorporated into production systems.

C.11.2 Inspection of Government Furnished Material (GFM). The Contractor, upon receipt of Government owned assets, shall perform an inventory and inspection (with DCMC oversight/guidance within 10 working days). In accordance with the Government Property clause of the contract, the Contractor shall notify the PCO if the material is not in a condition suitable for intended use.

C.11.3 Technical Support (During Government Testing). The Government test site is YPG. PQT and CT will likely occur over a 90-120 day period. The Contractor shall support Government testing as follows:

C.11.3.1 PQT and CT Support. The Contractor shall provide on-site field service within 1 day (24 hours) after being requested by the Contracting Officer Representative (COR). The Contractor shall provide skilled maintenance support, tools and repair parts to identify and correct equipment failures that may occur during testing. The Contractor shall obtain replacement parts for repair from the original supplier or authorized dealer by the most practical expedient means and the equipment shall be promptly repaired.

C.11.3.2 Test Support Packages. The Contractor shall perform all work required to develop, fabricate or purchase and deliver a Test Support Package (TSP) to support Government testing at YPG. The TSP shall contain all items, to include sufficient quantities of consumable supplies, required to support the Camel System for the duration of the Government testing. The Contractor shall ship the TSP to the test site no later than the delivery of the prototype units.

C.11.3.3 System Support Package Component List (SSPCL). The Contractor shall deliver a SSPCL in accordance with DI-ILSS-80532.

C.11.3.4 Shipping to and from Test Facility. The Contractor is responsible for packaging, materials, transportation or labor in support of shipping the Camel systems to the test facility and back to the Contractor facility after testing is completed. The components shall be stowed, blocked, and braced to prevent damage in transit.

C.11.3.5 PQT and CT Equipment Training. The Contractor shall conduct one equipment training session to include any necessary ancillary and or associated equipment, as required to support test operations, Preventive Maintenance Checks and Services (PMCS) and operator maintenance of the prototype Camel. This session shall be for up to 25 Government and associated personnel and shall be conducted at the Government-selected test site. The instruction shall be a combination of classroom and practical exercise training utilizing the equipment, as required, to teach operation, setup and disassembly, inspection, testing, troubleshooting, and safety procedures as applicable and necessary to provide Government personnel with knowledge, technical qualifications and materials necessary to perform all operations and maintenance tasks required to successfully accomplish their assigned mission. The course shall not be more than 40 hours in duration. The course shall consist of no more than 24 hours operator class and 16 hours maintenance class, including testing. The

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 31 of 146 REPRINT
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Name of Offeror or Contractor:

date of presentation of the course will be provided to the Contractor two weeks after the delivery of prototype units to the test site. The Contractor shall conduct the training at the test site, using one of the SDD prototypes. The Contractor may use the operator's manual for tester training.

C.12 RELIABILITY AND MAINTAINABILITY.

C.12.1 Reliability and Maintainability (R&M) Program Management: An R&M management program shall be established and maintained through establishment of the product baseline (under the production phase). The program shall require analysis and predictions that assess and influence the Camel design's ability to achieve the R&M requirements of the purchase description and develop essential information for the development of the Camel logistics support package. Program structure, implementation strategy and results shall be discussed at program status reviews.

C.12.2 R&M Data Collection, Failure Reduction, and Corrective Action Program. The Contractor shall establish and maintain a system which monitors and supports Camel R&M performance during Government testing through data collection and responsive evaluation of test incidents, to include failed part analyses, and invoking and tracking necessary corrective actions to the systems design and/or support system.

C.12.3 Failure Analysis and Corrective Action Reporting System (FACARS): The Contractor shall be responsible for accessing the Army Test Incident Reporting System (ATIRS) database at Aberdeen Test Center (ATC), Aberdeen MD, to obtain the Test Incident Reports (TIRS) generated on the equipment during the Government tests. Test Incident Report (TIRs) are the means by which data collected during Government testing will be reported. Information on access to ATIRS, and points of contact at ATC are available on the web at:

<http://vision.atc.army.mil>

The Contractor's date of receipt of the TIR shall be defined as the day the TIR is posted to the database. Upon acquiring a TIR, the Contractor shall assess the failure, and shall furnish a Failure Analysis and Corrective Action Report IAW DI-RELI-81315(T) with the proposed corrective action to prevent or minimize the probability of incident recurrence. The proposed corrective action shall be submitted to the FACAR review board for approval and the Contractor shall input the approved corrective action report to the ATIR database through the web. The ATIR database access for the corrective action reporting will be gained by applying to the ATC website as shown above.

C.12.4 RESERVED

C.12.5 FACAR Interim Response Times: The Contractor shall provide interim failure analysis and corrective action responses after notification within the following times:

1. Critical Incident - 48 hours
2. Major Incident - 10 days
3. Minor Incident - 30 days, no interim response required.
4. Informational - 30 days.

Critical Incidents shall also be reported telephonically within twenty-four (24) hours of TIR release.

1. Critical:
 - a. Involves a catastrophic or critical hazard related to health or safety of personnel (death or severe injury or occupational illness; Categories I and II per MIL - STD-882C, table 4.5.1)
 - b. Involves a catastrophic safety hazard to the item/system under test (unplanned system loss; Category I per MIL-STD-882C).
 - c. Reports test results which make test suspension or termination advisable.
2. Major:
 - a. Involves a marginal hazard to health or safety of personnel (Category III per MIL-STD-882C).
 - b. Involves a critical safety hazard to the item/system under test (unplanned major system damage; Category II per MIL-STD-882C).
 - c. Reports the inability of the test materiel (including diagnostic equipment, tools, publications, software, and so forth) to meet a critical or essential functional area, design or performance requirement.
 - d. Reports subtest results which reflect inadequate performance.
 - e. Involves two or more repetitive minor TIR incidents in which their cumulated effect could result in any of the above four conditions.
3. Minor
 - a. Reflects an actual or incipient malfunction, defect, hazard, or negative finding that does not qualify as critical or major.
 - b. Reports subtest results which reflect marginal performance.
4. Informational: Reports modification to the tested item, current condition of the tested item, test findings subtest results, safety release information, or other types of information.

C.12.6 FACAR Final Response Times: Final responses are required for all incidents (Critical, Major and Minor) within thirty (30) days after receipt for acceptance or rejection. If the Contractor's response is rejected, he will be officially notified and shall be required to resubmit the response within thirty (30) days. Failure to provide the interim and final failure analysis and corrective

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 32 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

action reports within the specified time limits or failure to provide the Government an acceptable response may be cause for the Reduction or Suspension of the Government payments.

C.13 LOGISTICS SUPPORT/PUBLICATIONS.

C.13.1 Integrated Logistics Support (ILS). The Contractor shall establish and conduct an ILS program to include the integration of all the functional disciplines required to design, fabricate, integrate and support the Camel system prototypes. This effort will provide the basis for selecting supportable systems components, identifying support resources requirements, including maintenance planning, and developing those resources in a logical and efficient manner. The following maintenance concept applies to the Camel and shall be used in the development of logistics support products (publications, training, etc). Operator maintenance will consist of Preventive Maintenance Checks and Services (PMCS), scheduled services, and modular replacement of defective assemblies. Unit level maintenance shall be accomplished with common tools and tools in the general mechanic's tool kit. The Direct Support (DS) maintenance (to be conducted by the Contractor during this phase) will consist of repair or replacement of items authorized on the Camel. Minimize special tools or test equipment. The DS level maintenance shall be accomplished by standard tools and test equipment. The Camel shall be operated by US Army personnel of non-specific Military Occupation Specialty (MOS), its water potability maintained by Water Purification Specialist, and maintenance provided by MOS 63J, Quartermaster and Chemical Equipment Repairer.

C.13.2 Operator Manual CDRL A00Z. The Contractor shall provide an operator manual that contains all required instructions for operators to set-up, operate, teardown, perform Preventive Maintenance Checks and Services (PMCS), and all operator required maintenance actions, IAW A00Z, DI-TMSS-80527A to cover the Camel system prototypes. The Contractor shall validate the operator's manual prior to submitting the final operator's manual, to ensure accuracy of all tasks and procedures. The Contractor shall notify the Government two weeks prior to commencement of manual validation.

C.14 SDD Meetings and Reviews.

C.14.1 SDD Post Award Conference and Start of Work Meeting. The Contractor shall, at or near their facility, host a combined SDD Post-Award Conference and Start-of-Work Meeting within 30 calendar days of the initial delivery order award. This meeting may last one or two days. The meeting will focus on contract terms and conditions, a review of all data requirements, required specifications, schedule, and relevant test requirements.

C.14.2 Reviews. The Contractor shall:

- a. Conduct a Preliminary Design Review (PDR) to review the system engineering effort and to discuss system layout alternatives. The Contractor shall conduct the PDR 60 days after the Start of Work Meeting. Results of the PDR will be documented in the PSMR (DI-MGMT-80227) and in the FSTR (DI-MISC-80711A(T)).
- b. Conduct a Critical Design Review (CDR) to review the detailed system design prior to prototype fabrication not later than 90 days after the PDR. Results of the CDR will be documented in the PSMR (DI-MGMT-80227) and in the FSTR (DI-MISC-80711A(T)).
- c. Conduct a System Verification Review (SVR) not later than 90 days after completion of Government testing. The Government/Contractor team will review the results of Government testing and Contractors corrective action plan, review design changes approved and incorporated into the Camel, and review the Contractors readiness for production. Results of the SVR will be documented in the PSMR (DI-MGMT-80227) and in the FSTR (DI-MISC-80711A(T)).

C.15 Trailer Interface and Compatibility Analysis.

C.15.1 The Contractor shall conduct an analysis to verify component/trailer interface and compatibility. Camel components developed or supplied by the Contractor under this contract collectively represent a load that the assigned carrier, the M1095 Trailer, must be capable of transporting. As such, the goal of the analysis is to address, as a minimum, issues related to the following:

- a. Component positioning and resultant load distribution of mounted and secured Camel hardware, in deployable (operating) condition, on the trailer deck under conditions of both no water payload and full water payload.
- b. Component-Trailer tie-down methodology shall be described, including number, types, ratings (yield and ultimate strength), and location of tie-down provisions; and a load analysis summary on all employed tie-downs and trailer anchor points utilized;
- c. Methodology employed to mitigate sloshing effects when transporting partial liquid loads. Analysis shall address the mitigation of longitudinal, lateral, and vertical components of fluid slosh.

C.15.2 Results of any relative studies, reviews, evaluations, and tests that accrue throughout the design effort shall be reported in the PSMR (DI-MGMT-80227). Results of the analysis topic areas shall be discussed at design review meetings and be included in the FSTR (DI-MISC-80711A(T)). Draft results of analysis shall be provided after the PDR, and final results after the CDR.

C.16 Final Scientific and Technical Report. This report shall include, for each topic area, a general summation of work accomplished, and results of studies, evaluations, tests, problem areas, design recommendations, and current status of design activities. The Contractor shall document all calculations and computations used to develop the final design of the Camel system in the FCSR, subtitled Final Design Calculations and Logistics Considerations. The Contractor shall include sections in this report for other efforts as specified in this statement of work (C.7, C.8, C.14 and C.15). The Contractor shall prepare and submit this report IAW Data Item Number DI-MISC-80711A(T). The Contractor may follow the format contained in ANSI/NISO Z39.18.

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 33 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

Production SOW

C.17 DESCRIPTION.

C.17.1 The Contractor shall deliver each Camel in a complete system configuration, incorporating both Contractor-developed components and Government Furnished Material. It is the Contractor's responsibility to integrate and assemble all components and parts necessary to form a complete system.

C.17.1.1 The Contractor shall deliver the Camel with Basic Issue Items (BII) overpacked.

C.17.1.2 The Contractor shall over-pack one hard copy each of -10 and -14&P Technical Manuals and one copy of the Shipment and Storage Instructions with delivered systems. The Government will supply TMs and Shipment and Storage Instruction copies to the Contractor for overpack.

C.17.2 The Contractor shall deliver production units for testing not later than six months after award of the first production delivery order. Subsequent delivery shall commence not later than 30 days after FAT approval. For any delivery order awarded after the initial production delivery order, deliveries of production units shall begin not later than six months after award, and for that delivery order shall be completed not later than 12 months after deliveries begin.

C.18 Reserved

C.19 CONFERENCES, MEETINGS, AND REVIEWS

C.19.1 Production Start of Work Meeting. Within 30 calendar days after the initial production delivery order award, the Government and the Contractor will hold a Production Start of Work Meeting. The meeting shall be held at the Contractor's facility, may last several days, and shall include approximately twenty-five (25) Government personnel. The purpose of this review is to review, as a minimum, contract terms, contract conditions, contract requirements, data items, required specifications, test requirements, and logistic requirements. The Contractor shall also review and demonstrate to the Government their management procedures, provide progress assessments, review technical and other specialty area status, identify program implementation processes, and establish schedule dates for near term critical meetings and actions. The Contractor shall also introduce key management and contract personnel.

C.19.2 Program Status Reviews. Joint Government-Contractor program status reviews shall be held quarterly for the first three years following initial production order award and then semi-annually thereafter until completion of the contract. Initial program status review shall be conducted 90 days after the start of work meeting. Program status reviews shall be held at the Contractor's facility, unless agreed to otherwise by the parties. Status reviews shall address but not be limited to the following agenda items: the Contractor's progress, management, technical support services (if any), integrated logistics support, systems engineering, administrative, contract compliance, program status, funding issues, problem identification and resolutions, and deliverables. Actual versus expected performance of each area shall be addressed. The Contractor shall prepare presentation materials providing an overview of all agenda items. The Government reserves the right to cancel any review or to require any review to be scheduled during the period of performance.

C.19.3 Provisioning Guidance Conference. A Provisioning Guidance Conference shall be held as part of the Start of Work Meeting. The Contractor shall provide a provisioning performance schedule at the conference. This schedule shall provide an estimate of the number of items to be provisioned and the number of future provisioning conferences that will be required.

C.19.3.1 Provisioning Conferences. The Contractor shall host Provisioning Conference(s) at the Contractor's facility or a location mutually agreed upon by both parties. The initial provisioning conference will be held 60 days after initial production order award and every 90 days thereafter until completion. Each conference will be a maximum of 5 working days with no more than 1500 items presented for review per conference. The responsible Government Provisioning Representative will make any deviations from these requirements. The conferences shall be based on the provisioning performance schedule. The Contractor shall furnish provisioning data and clarification of any provisioning issues to the Government. The Contractor shall not be required to have a sample of the component or end item at the conference.

C.19.4 Logistics and Engineering Working Group Meetings. The initial Logistics and Engineering Working Group meetings shall be held concurrently with the Program Status Reviews. Logistics and Engineering Working Group meetings shall include development of technical manuals, training, provisioning, drawings, and any other logistics or engineering issues that need to be addressed. Additional working group meetings shall be convened as necessary.

C.20 CONFIGURATION MANAGEMENT

C.20.1 Configuration Control.

C.20.1.1 The Contractor shall implement configuration control methods and procedures which maintain the integrity and traceability of the established baseline. The baseline configuration shall be established after FAT approval. Prior to FAT approval, for form, fit or

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 34 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

function changes, the Contractor shall not implement configuration changes without Government approval. Prior to FAT approval, the Contractor may implement configuration changes that do not affect form, fit or function. After FAT approval, the Contractor shall not implement changes without Government Approval. Before and after FAT approval, the Contractor shall notify the Contracting Officer prior to implementing any configuration changes.

The Contractor shall include the following in any request or notification of change:

- Rationale to support the necessity to make the change;
- Any test results, planned testing, or other information on previous application of the change to show acceptability;
- Identification of the affected parts and assemblies, drawings, sketches, calculations, and other data necessary to define the nature of the change being proposed;
- Identification of any impact to manuals, maintenance procedures, repair parts stockage, packaging, special tools and test equipment;
- Any proposed decrease in contract price;
- Identification by system serial number of the systems affected by each change request.

C.20.1.2 Engineering Change Proposals (ECPs). Changes to established baselines shall only be made after Government approval of Engineering Change Proposals (ECP). Changes shall be identified to the affected assembly serial number, or if not part of an assembly, to the affected equipment serial number. The ECP shall be prepared IAW Attachment 3 - Engineering Change Proposals. All Class I ECPs shall require Government approval prior to implementation. All Class II ECPs do not require prior approval but the Contractor shall notify the Contracting Officer, by means of an ECP, not less than 60 days prior to implementing any configuration changes. Engineering Change Proposals shall be delivered in accordance with CDRL A009 and DI-CMAN-80639C, Engineering Change Proposal (ECP) and Attachment 3, Data Delivery Description, Engineering Change Proposal.

C.20.1.3 Requests for Deviation. The Contractor shall submit Requests for Deviation (RFD) from current approved configuration documentation. Authorized deviations are a temporary departure from the requirements and do not constitute a change in an approved baseline. Where it is determined that a change should be permanent, the Contractor shall submit an ECP. RFDs shall be prepared in accordance with Attachment 4 -Data Delivery Description, Request for Deviation, and submitted in accordance with the CDRL A00A and DI-CMAN-80640C, Request for Deviation (RFD)

C.20.1.4 Notices of Revision. The Contractor shall generate and submit Notices of Revision (NOR) concurrently with Engineering Change Proposals (ECPs) when technical documentation requires changes following approval of an ECP. NORs shall be prepared in accordance with Attachment 5 Data Delivery Description - Notice of Revision and delivered IAW the CDRL A00B and DI-CMAN-80642C, Notice of Revision (NOR).

C.20.2 Configuration Status Accounting. The Contractor shall establish and maintain a Configuration Status Accounting (CSA) program, which represents the configuration of the Camel. The CSA system shall provide baseline documentation, delineate the status of changes to the baseline, record implementation of approved changes, and provide an audit trail for engineering changes, drawings and associated lists, and other related technical documentation. All approved changes which have been installed in the Camel shall be recorded. CSA database shall be electronically transferred to the Government at completion of contract. CSAs shall be formatted and delivered in accordance with DI-CMAN-81253A Configuration Status Accounting.

C.20.2.1 Serialized Tracking. The Contractor shall record and provide to the Government the serialized configuration of the Camel systems. The following information shall be part of the Configuration Status Accounting (CSA) Information and made available for Government review during scheduled meetings:

- a. Contractor System Serial Number (i.e., A-0001; MC-0001)
- b. System Designation/Model Number
- c. Contract Number
- d. Contractor
- e. Date of Manufacturing
- f. M1095 Trailer Serial Numbers

The Contractor shall update this information whenever the Contractor updates the CSA

C.20.3 Physical Configuration Audit CDRL A008. (OPTION). Upon exercise of the option at paragraph H.34, the Contractor shall conduct a Physical Configuration Audit. The functional baseline for the Camel is established as the performance specification, PD 2314. The Physical Configuration Audit (PCA) shall be performed to verify that the Camel and its Configuration Identification (CI) are accurate, complete, and compatible, and that the CI has achieved the performance and functional characteristics defined in the functional configuration baseline. The Contractor shall conduct the PCA, at the Contractor's facility, with the Government witnessing the audit. The PCA shall verify that drawings reflect the "as-built, as-designed" configuration of all newly developed or modified portions of the system; that accurate form, fit, function and interface information is provided on control drawings for non-developmental/commercial off-the-shelf items; and that the drawings accurately represent the "as-built, as-designed" production configuration. The PCA shall be conducted incrementally, concurrent with fabrication and assembly of a Camel unit, which includes all corrections resulting from Government testing. The Contractors plan that provides the system to be audited, facilities, personnel, documentation (including drawings), and other support as may be required, shall be available to the Government on request. The Contractor shall document the results of the PCA after each audit and shall correct all audit discrepancies documented in the Configuration Audit Reports. In the

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 35 of 146 REPRINT
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Name of Offeror or Contractor:

event the Government finds evidence that drawings and/or documents do not adequately represent the equipment, production shall cease until all discrepancies are corrected and the Government approves the Configuration Audit Report. The PCA shall be formatted and delivered in accordance with DI-CMAN-81022C, Configuration Audit Summary Report (Physical).

C.20.4 Product Drawings (OPTION). Upon exercise of the option at paragraph H.34, the Contractor shall develop product drawings and associated lists, as defined in MIL-DTL-31000, Attachment 6, which reflect the as built or assembled and tested baseline configuration of the Camel. The drawings shall be used for the manufacture, assembly and configuration management of the materials, parts, subassemblies and assemblies of the equipment covered under this contract. The drawings and associated lists shall provide the information necessary to enable the procurement or manufacture of an interchangeable item duplicating the physical and performance characteristics of the original part or assembly without additional design effort on the part of the Government. Product drawings shall be formatted and delivered in accordance with the CDRL A00D and DI-SESS-81000B, Product Drawings and Associated Lists. The Contractor shall provide the Government access to all product drawings throughout the contract performance.

C.20.4.1 Drawing Numbers. The Contractor shall use Government furnished part numbers on all product drawings. Government drawing numbers can be obtained from the Contracting Officer.

C.20.4.2. Drawings for all parts and assemblies shall be submitted in all these file formats:

1. All associated raster images in PDF format.
2. Associated 2-D line drawings in either Auto-CAD 2000 or Pro/E version 2001 (or higher version)
3. 3-D in Pro/E version 2001 (or higher version)
4. Associated STEP neutral file format

C.20.4.2.1 The solid models and drawings shall be performed in accordance with the attached TACOM 3-Dimensional Technical Data Package Configuration Management and Solid Modeling Operating Procedures, Contract Attachment 18. Standard TACOM drawing formats shall be provided for this effort and shall be used for all drawings. Attendance of contractor personnel at the TACOM 3D modeling standards 1-week training course is recommended.

C.20.4.2.2 The individual models and drawings shall be submitted to the government on an interim basis during the course of this effort (approximately every 30 days). These interim items may be submitted on CD ROM, email, or other mutually agreed electronic format. Upon completion and approval of the entire effort, all models, drawings assemblies and any other documents shall be submitted on CD-ROMs (eight copies) to the government's contracting officer and/or uploaded into TACOM-Warren's ACMS System at the government's discretion. Refer to attached Delivery Methods document for Final electronic delivery. The contractor shall certify the technical accuracy of those models and drawings. TACOM-Warren shall check the contractor produced models and drawings for format, content and technical accuracy. Any discrepancies found in the models or drawings during this check shall be corrected by the contractor of the model or drawing before final submittal of the data. The contractor shall maintain the master copy of all models and drawings until final submittal.

C.20.4.2.3 All models and/or drawings delivered under this clause are subject to the Warranty of Data clause of this contract.

C.20.4.3 Delivery Media Requirements. The Contractor shall deliver product drawings by either of the following two methods:

C. 20.4.3.1 ACMS direct online upload: To get access to TACOM-Warrens ACMS system, you will need the following requirements completed:

1. Security Clearance: Contact your TACOM-Warren functional proponent company sponsor who will contact a TACOM Information Assurance Security Officer (IASO) who will assist you in completing the forms to access the systems that you will need to access. The Contractor needs to provide completed security investigation paperwork to TACOM Intel and Security Division, Attn: AMSTA-CM-XSC (Gayle Bedwell), Ext. (586) 574-6262, DSN: 786-6262. You the Contractor will also need to provide accreditation/certification of your site to TACOM-Warren Information Assurance (IA) TEAM, Attn: AMSTA-CM-ISS (Steve Twynham), Ext. (586) 574-4117, DSN:786-4117. For further assistance, contact the TACOM-Warren IA TEAM, Steve Twynham, Ext. (586) 574-4117, DSN: 786-4117, or Jack Ciraulo, Ext. (586) 574-8431, DSN:786-8431.
2. Access to ACMS: Request For Access Forms to ACMS are available.
3. ACMS Training: The Contractors functional proponent sponsor can schedule for ACMS training by calling ETEC Team, David Turner, Ext. (586) 574-7784, DSN:786-7784.

C.20.4.3.2 ACMS Batch Delivery. In cases where direct online upload of data on ACMS is not possible, data could be delivered in batch mode. These file types need to be delivered:

1. All Electronic drawings and documents files (Pro E, STEP and PDF)
2. One DLF index file
3. One Configuration Management 80 column file

The Contractor shall coordinate its final media decisions with the Contracting Officer prior to delivery.

C.21 LOGISTICS REQUIREMENTS

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 36 of 146 REPRINT
Name of Offeror or Contractor:		

C.21.1 Integrated Logistic Support (ILS). The Contractor shall plan and conduct an ILS program, which shall govern the management of the ILS effort. The ILS process shall ensure that the Camel, when fielded, will satisfy logistic elements and supportability criteria defined herein. The logistics program shall be discussed during program reviews.

C.21.2 PUBLICATIONS

C.21.2.1 The Contractor shall develop operator, unit, direct support, and general support maintenance technical manual and Repair Parts and Special Tools List, IAW MIL-STD-40051A. The required manual shall reflect all operation, maintenance procedures, troubleshooting procedures and repair parts/down parts to support the Camel System. The manual shall be a system manual that covers all of the components of the Camel system, exclusive of the M1095 Trailer. The Technical Manuals shall be delivered in accordance with CDRL A00E. The Contractor shall provide a paper technical manual for the -10 Operator Manual and a -14&P EMS2-based Interactive Electronic Technical Manual (IETM) for Operator, Unit, Direct and General Support (DS/GS) maintenance, including repair parts and special tools list.

C.21.2.1.1 The -10 paper Operator Manual shall be prepared and delivered IAW CDRL A00E with Attachment 7 (Table 1). The -10 paper Operator Manual shall be prepared using MS compatible software. The -14&P Operator, Unit, DS/GS maintenance manual shall be authored using the Government-owned Electronic Maintenance System (EMS) authoring and display system software IAW (CDRL A00F).

C.21.2.1.2 A copy of the EMS software, authoring guides and EMS training will be provided to the Contractor NLT 45 days after award. EMS training will be provided at no cost to the Contractor and be conducted at the Contractor's facility.

C.21.2.1.3 The Contractor shall define the process and controls used to prepare and deliver technically accurate operating procedures, maintenance instructions, and repair parts and special tools list information into the technical manuals described herein. Preventive Maintenance Checks and Services (PMCS), Maintenance Allocation Chart (MAC), Basic Issue Items (BII), Additional Authorized List (AAL), Components of End Item (COEI), Special Tools List, DA Form 2028, Army covers and Title Pages shall be specifically addressed. The Contractor is responsible for the quality, accuracy, and adequacy of all Logistics Management Information (LMI), and the subsequent quality, accuracy and adequacy of related LMI products identified herein.

C.21.3 The Contractor shall perform an analysis to identify the extent of repair for each potentially repairable item and recommend the maintenance level to perform the work within the Army Maintenance System. Variables such as item price, parts prices, failure rates of repairable items and piece parts, labor costs, and the cost of special tools and equipment shall be considered.

C.21.4 Validation. Validation is a process where the Contractor physically performs 100% of the operation and maintenance procedures contained within the Camel technical manuals. The Contractor is responsible for the quality of all paper TM and IETMs and electronic source files delivered. The Contractor shall incorporate effective processes to develop, test and inspect the deliverables. They shall ensure the technical accuracy, usability, completeness, and consistency of the deliverables. Validation also includes the Contractor's comparative review of all other technical data supporting the system configuration provided, e.g. engineering source data. The Government has the right to review validation records and witness the validation process. If the Government decides to witness the Contractor's validation, the Contractor shall provide suitable working accommodations for Government personnel at the validation site.

C.21.5 The Government will provide the following information at the Start of Work meeting (if available): the technical manual numbers end item NSN, official nomenclature, and distribution statement. The Government will provide a copy of the EMS software, EMS authoring guides, and EMS formal training.

C.21.6 Publications Support for LD, PVT and IOT&E. The Contractor shall develop a Preliminary Draft Equipment Publication (PDEP) in support of LD, PVT and IOT&E IAW CDRLs A00E and A00F. The manual shall include, at a minimum, operational and maintenance instructions, safety warnings/precautions, and PMCS. The Contractor shall provide three copies of the PDEP (paper -10 and -14&P) 30 days prior to scheduled testing to support FAT units.

C.21.6.1 The Contractor shall incorporate all comments and changes resulting from Government reviews and tests into a Draft Equipment Publication (DEP) to be provided to the Government for review within 30 days after completion/approval of LD/PVT/IOT&E.

C.21.7 Technical Manual Verification. The purpose of the verification is to ensure that the data is complete, technically and editorially accurate, and meets 100% performance of the operating and maintenance instructions contained therein. The Contractor shall ensure that the DEP accurately reflects and supports the Camel configuration provided, including all Government approved configuration changes resulting from testing, and vendor parts supply and production line changes. Thirty (30) days after approval of FAT report, the Contractor shall submit a DEP for Government (10 sets of hard copy TMs and an IETM CD ROM). Verification of the DEP will be started no later than 60 days after approval of FAT. Verification will conclude 14 days later. Government reviews and verification may be done through sampling with a mix of desktop review and actual performance, but could include actual performance of all procedures and review of all pages, if deemed necessary by the Government. If there are indications that the Contractor has performed incomplete or inadequate QA reviews, the Government may elect to perform additional reviews and return products for rework. The Contractor shall provide technical/engineering support, as required, to aid the Government in the performance of the verification effort and recording of the Government's comments. Contractor shall provide a representative to maintain a master markup during the verification process. The Contractor shall correct all errors discovered during verification and all Government testing and quality reviews. The Government will

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 37 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

provide target users. The Contractor shall provide all necessary resources to support the Government verification, to include the following:

- a. First Article Test (FAT) approved end item
- b. Special and common tools
- c. Support equipment
- d. Facilities and office space
- e. Mandatory replacement parts needed for assembly/disassembly tasks
- f. Expendable supplies and materials
- g. Spare parts consumed or destroyed during any disassembly or assembly process (such as gaskets and seals)
- h. Technical support and information, to include as a minimum, clarification of operation, troubleshooting, maintenance and repair parts and special tool list, as required by the Contractor.

C.21.7.1 No later than 30 days after completion of the verification, the Contractor shall deliver the FDEP, including all changes, final resolutions and final edits, in the following format IAW CDRL A00E and A00F:

- a. Paper Technical Manual (-10):
 - 1. Camera-ready (600 DPI laser print or equivalent) copy of the completed -10 Operator paper technical manual, with running sheets and folio markings, sized for 1 to 1 reproduction (no enlargement or reduction required by the printer) for a technical manual.
 - 2. Portable Document File (pdf) of the Final Draft Equipment Publication for the -10 paper Operator manual. The .pdf shall contain bookmarks for the table of contents page, the first page of alphabetical index, and the first page of each work package, chapter and section. Bookmark each reference in the manual. No linking is required beyond the bookmarks.
 - 3. Editable text and graphics source files for the paper technical manual.
- b. Electronic Technical Manual (IETM) (-14&P):
 - 1. IETM (-14&P) prepared using the Electronic Maintenance System software, shall be delivered on ISO 9660 CD-ROM.
 - 2. Editable text and graphics source files for the IETM.

C.22 PARTS DOCUMENTATION PROGRAM REQUIREMENTS

C.22.1 Provisioning Program. The Contractor shall develop provisioning data for the Camel in accordance with MIL-PRF-49506 and guidelines of MIL-HDBK-502 and LMI data worksheet (Attachment 8). The provisioning data shall contain all data for the assemblies, sub-assemblies, spare parts and modules to include Components of the End Item (COEI), Basic Issue Items (BII), Additional Authorized (Items) List (AAL) and Special Tools and Test Equipment required to support the Camel. Engineering Data for Provisioning (EDFP) drawings are required to support each new item being provisioned. The Government will provide the Provisioning Contract Control Number (PCCN), and Provisioning Control Code (PCC). Additional information or unique codes will be provided no later than at the Provisioning Guidance Conference.

C.22.1.1 Provisioning Parts List (PPL). The Provisioning Parts List (PPL) shall contain the end item, component or assembly and all support items which can be disassembled, reassembled, or replaced, and which, when combined, constitute the end item, component or assembly and shall include items such as parts, materials, connecting cabling, piping, and fittings required for the operation and maintenance of the end item, component, or assembly. The PPL shall be used to determine the range and quantity of support items required to maintain the end item for an initial period of service. This includes all repairable commercial items unless excluded by the provisioning requirements. It does not include a breakdown of Government furnished equipment. The PPL shall also contain all tools, test equipment, repair kits and repair parts sets required to maintain the end item, component, or assembly equipment unless excluded by the provisioning requirements. The PPL shall be delivered in accordance with DI-ALSS-81529, Logistics Management Information (LMI) Data Products PPL

- a. Part Number
- b. CAGE for all items including tools
- c. Item Nomenclature
- d. Estimated unit price
- e. Quantity per assembly/end item
- f. Essentiality Code
- g. Source, Maintenance and Recoverability (SMR) Code
- h. Shelf Life
- i. Failure Factor/Maintenance Replacement Rate I, II, III
- j. Hardware descriptive data such as thread diameter, quantity of threads per inch, fastener length, etc.

C.22.1.1.1 The Contractor shall ensure that the submitted LMI Data Products are compatible with the Army Commodity Command Standard System (CCSS) Provisioning On Line System (POLS), ADMS-18-LEA-JBE-ZZZ-UM-06 (Users Manual). The data shall be capable of being loaded into our PMR without modification to the data. The Contractor shall correct CCSS/POLS rejects within 15 days after receipt of Government notification and resubmit electronically in ASCII text with accompanying 80/80 listing, or equivalent to 80 column card

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 38 of 146 REPRINT
Name of Offeror or Contractor:		

format.

C.22.1.1.2 The Contractor shall maintain and continuously update their data file with the Provisioning Technical Documentation (PTD) Reports. These reports shall contain Part Number changes, Source Maintenance and Recoverability (SMR) Code changes, failure factor changes and additions and/or deletions that occur throughout the contract. The Contractor shall ensure that only those items which are repair parts or parts of the end items top down generation breakdown will be loaded in the PMR. All others will be rejected.

C.22.1.2 Pre-Procurement Screening (PPS). Contractor shall conduct pre-procurement screening for all items to be provisioned. Drawings are not required for items accompanied by a copy of pre-procurement screening (i.e., Haystack, Parts master, DLIS) which indicates this item has previously been assigned a valid National Stock Number (NSN). Provisioning and Other Pre-procurement Screening Data are used to identify existing National Stock Numbers (NSNs) for an item, validate currency of an NSN, and aid in maximum use of known assets. The PPS shall be delivered in accordance with DID DI-ALSS-81529, Logistics Management Information (LMI) Data Products PPS.

C.22.1.3 Engineering Data for Provisioning (EDFP). Engineering Data For Provisioning (EDFP) is technical data used to describe parts/equipment and consists of data such as specifications, standards, drawings, photographs, sketches and descriptions, and necessary assembly and general arrangement drawings, schematic drawings, schematic diagrams, and wiring and cable diagrams necessary to indicate the physical characteristics, location, and/or function of the item. The EDFP shall be delivered in accordance with DID DI-ALSS-81529 as referenced below. At a minimum, EDFP must provide the following:

- a. Technical information of items for maintenance support considerations
- b. Item identification/descriptions necessary for:
 - 1. Cataloging actions and assignment of a National Stock Number
 - 2. Review for item entry control
 - 3. Standardization to include standardization/interchangeability
 - 4. Item management coding
 - 5. Identification/procurement of initial spares
 - 6. Preparation of allowance/issue lists
- c. The Contractor shall furnish EDFP in the following order of precedence:
 - 1. Government or industry recognized specifications or standards
 - 2. Engineering drawings
 - 3. Commercial catalogs or catalog descriptions
 - 4. Sketches or photographs with brief descriptions of dimensional, material, mechanical, electrical, or other descriptive characteristics.

C.22.1.3.1 EDFP shall be marked in such a manner as to identify proprietary rights (limited or unlimited). EDFP shall also be marked with the Provisioning Line Item Sequence Number (PLISN) and PCCN. The Suggested Source(s) of Supply of original vendor shall be marked in the lower left corner to include: CAGE Code, Vendor Part Number, Vendor Name, and Complete Address. EDFP shall NOT be provided when the item is:

- a. Identified as a Government specification or standard which completely describes the item including its dimensional, mechanical, and electrical characteristics
- b. Previously cataloged/assigned an active National Stock Number with type 1 item identification

C.22.1.4 Long Lead-Time Items List. The Contractor shall provide a Long Lead Time Items List (LLTIL) which shall contain those items which, because of their complexity of design, complicated manufacturing process or limited production capacity, may cause production or procurement cycles which would preclude timely and adequate delivery, if not ordered in advance of normal provisioning. In addition to these considerations, the Contractor shall include any item which has a leadtime of greater than 9 calendar months. LLTIL shall be delivered in accordance with DI-ALSS-81529, Logistics Management Information (LMI) Data Products LLTIL.

C.22.1.5 Recommended Spare Parts List. The Contractor shall within 120 days of issuance of the initial production delivery order provide a proposed spare parts list. The list shall be in Contractor format. It shall include a listing of spare items the Contractor feels will be required to support a Camel system for two years following its initial fielding. The list shall include all spare parts with an essentiality code of 1 (Essential - failure of this part will render the end item inoperable), 5 (Safety - item does not qualify for the assignment of code 1, but is needed for personnel safety), or 6 (Legal and Climatic - item does not qualify for the assignment of code 1, but is needed for legal, climatic, or other requirements peculiar to the planned operational environment of the end item). The essentiality code indicates the degree to which the failure of a part affects the ability of the end item to perform its intended operation.

The list shall contain, as a minimum contain the information below.

- a. Part
- b. Part Number
- c. NSN, if available
- d. Essentiality code

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 39 of 146 REPRINT
---------------------------	---	----------------------------------

Name of Offeror or Contractor:

- e. Quantity required per year
- f. Estimate per unit cost (FOB point is origin, packaging per Section C)
- g. Vendor

The recommended spare parts list shall be formatted and delivered in accordance with CDRL A00L DID DI-ALSS-81529 Logistics Management Information (LMI) Data Products.

C.22.1.6 Design Change Notice (DCN). The Contractor shall submit a DCN for those design or part number changes which modify, add, delete or supersede any of the operating, maintenance or repair parts information that the Contractor provided previously under this contract. DCNs shall be delivered in accordance with DID DI-ALSS-81529, Logistics Management Information (LMI) Data Products and CDRL A00M.

C.22.1.7 Maintenance Allocation Chart (MAC) (MIL-STD-40051-6A). The Contractor shall prepare an initial MAC covering all maintenance tasks by breaking down the Camel in functional group code sequence. The first functional group code shall be 00, the end item. The Contractor shall provide a preliminary MAC at the start of work meeting to be reviewed by the joint Contractor-Government working group. The MAC is a living document that forms the basis for provisioning and technical manual development and is, therefore, subject to change until its final approval concurrent with final approval of the technical manual. The MAC assigns all authorized maintenance functions and repair operations to be performed by the lowest maintenance level appropriate category, and delineates the tools and test equipment required to perform the operations. The MAC shall include all maintenance significant components, assemblies, subassemblies, and modules. If the maintenance for a repair part consists of replacement only, the part shall not be listed in the MAC, unless not listing the part would result in deletion of the group number; in this case, the part shall be listed in order to retain the functional group number. Parts requiring a test procedure prior to replacement shall also be listed in the MAC. The Government will provide the Contractor information pertaining to the maintenance and fielding concepts. The data shall be delivered in accordance with DID DI-ALSS-81529 Maintenance Allocation Chart (MAC) and CDRL A00N.

C.22.2 Support Equipment. The Contractor shall provide a listing of support equipment, which is defined as tools, test equipment, automatic test equipment, and Built-in test/built-in test equipment (BIT/BITE). The requirement for support equipment shall be satisfied by items currently in the Army inventory to the maximum extent practical. Listings of support equipment resident in the Army inventory are available from the Government upon the Contractors request. If the Contractor has determined that support equipment is not required, then an explanation is required on how and for how long the system is going to be maintained. Information shall be delivered as part of CDRL A00P, Special Equipment, Tools, and Test Equipment List (TTEL).

C.22.2.1 Special Equipment, Tools and Test Equipment List (TTEL). The Contractor shall prepare and deliver a TTEL listing of those peculiar support items including any Test Measurement and Diagnostic Equipment (TMDE) for the Camel that are not currently listed in the US Army Supply Catalogs (SCs). Special tools are defined as tools not found in the Armys General Mechanics tool kit (NSN 5180-00-177-7033), Organizational Maintenance common # 1 tool kit (NSN 4910-00-754-0654), common #2 tool kit (NSN 4910-00-754-0650), and tool kit Supplement #1 (4910-00-754-0653), or US Army supply Catalogs identified in DA PAM 25-30, Section 6. Listing of tools and test equipment resident in the Army inventory is available from the Government upon the Contractors request. The Contractor shall identify all special tools required to service or repair the Camel assemblies and incorporate the special tools and test equipment lists into the maintenance manual. The TTEL list, with drawings shall be identified at the first Provisioning Conference. The Contractor shall verify that any special tools listed are indeed not currently in the Government Supply system. After Government approval of the TTEL, the Contractor shall deliver the data concurrently with the MAC. The data shall be delivered in accordance with DID DI-ILSS-80868T, Special Tools & Test Equipment List and CDRL A00P.

C.23 Reserved

C.24 MILITARY PACKAGING DOCUMENTATION REQUIREMENTS

The contractor shall develop packaging requirements for the complete system and for the spare and repair parts. The system requirements are developed as part of the shipment and storage (S&S) instructions. The spare and repair parts are covered under the coded packaging data and special packaging instructions (SPI).

C.24.1 Shipment and Storage (S&S) Instructions. The Contractor shall provide and update S&S instructions. When preparing the shipment and storage instructions, the Contractor shall ensure those instructions are consistent with the transportability requirements stated in PD 2314 and transportability report required elsewhere in this contract. The S&S instructions shall detail procedures required to prepare the Camel for storage after it has been in operation. The S&S instructions shall be formatted and delivered in accordance with CDRL A00Q and DID DI-PACK-80121B, Special Packaging Instructions.

C.24.2 S&S processing instructions required:

- a. Short Term Storage (180 days maximum in an unheated warehouse) for application when items are in transit. Short term S&S processing instructions will be sufficient to protect the items when they are intended for immediate use.
- b. Long term storage instructions. The Government will use these instructions to prepare a system for open storage for a period of up to 2 years. The Contractor shall ensure these instructions include any cyclic maintenance and exercising requirements necessary to

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 40 of 146 REPRINT
---------------------------	---	----------------------------------

Name of Offeror or Contractor:

prevent the system from deteriorating due to inactivity.

C.24.3 Compliance with Federal and Industry Transportation Requirements. The Government ships using truck, rail, plane, and ship. The Contractor shall develop packaging requirements and shipment and storage instructions for these modes of transportation and identify unique requirements for each mode of transport. This will allow the Government to process for shipment based on the intended mode of transport. The Contractor shall comply with the applicable codes and standards listed here: (1) Code of Federal Regulation Titles 29, 40 and 49, (2) International Maritime Dangerous Goods Code, for vessel transport, and (3) AFMAN 24-204, Preparing Hazardous Materials for Military Air Shipments. The Contractor shall include disassembly procedures to meet the requirements of the codes and standards mentioned above.

C.24.4 Packaging Instructions for Basic Issue Items. The Contractor shall ensure that the shipment and storage instructions include packaging instructions for the Basic Issue Items (BII) and Components of the End Item (COEI). The Contractor shall ensure the instructions require that BII shall be packed separately from the COEI.

C.24.4.1 BII and COEI Packaging. The Contractor shall identify, in the shipment and storage instructions, provisions for stowage location and security for the BII and COEI. However, HAZMAT COEI shall be packaged and shipped separately from the system IAW paragraph C.9.2, depending on mode of transportation. The Contractor shall ensure the stowage locations shall deter pilferage and shall not interfere with lifting, tie down or other transportation handling requirements.

C.24.5 Updates and Changes to Shipment and Storage Instructions. The Contractor shall revise the shipment and storage instructions to reflect design changes that affect the system's shipment configuration, weight, or transportability. The Contractor shall also provide revisions to the shipment and storage instructions for each logistics change affecting packaging instructions for BII or COEI.

C.24.6 Validation of Shipment and Storage Instructions. The Contractor shall validate the shipment and storage instructions. Both long-term and short-term storage instructions shall be validated at this time. The purpose of validation is to verify the adequacy of the preservation, packaging, packing and stowage of BII/COEI, preservation procedures for shipment and storage, and the cyclic maintenance requirements for systems in long-term storage. The Government representative will verify and witness validation procedures. The Contractor shall notify the Government 14 days prior to scheduled verification. The Contractor shall develop Packaging data for spare and repair parts, as determined during the provisioning process. This shall consist of coded packaging data and SPI.

C.24.7 Packaging Requirements. The Contractor shall provide Logistics Management Information (LMI) Data Products for packaging data systems entry as specified in MIL-PRF-49506 (see DI-ALSS-81529). (Attachments titled Logistics Management Information (LMI) Packaging Data Products and MIL-PRF-49506 detail LMI Packaging Data Products and LMI Packaging Data Formatting Instructions). Data is required for parts that are provisioned (P-source coded) and field level kits (KF-source coded).

C.24.7.1 Coded Packaging Data. The Government will provide the Contractor with periodic reports showing status of the program. Data is critical to populating the NSNMDR and the FLIS Government data files and shall be 90% accurate. The Contractor shall rework submittal errors within 20 days after rejection by the Government. The Contractor shall provide the necessary personnel, facilities, equipment, material, and the electronic data interface. The Contractor shall include information for each of the items so TACOM can determine the adequacy of the packaging submittal. This includes item drawings and data such as Source, Maintenance & Recoverability codes, Unit of Issue codes, Unit of Measure, Measurement Quantity, and copies of applicable Material Safety Data Sheets. The Contractor shall furnish item drawings, photo documentation and notes sufficient for reviewing the packaging designs. See CDRL A00R, DID DI-ALSS-81529.

C.24.7.2 Special Packaging Instructions (SPI). The Contractor shall prepare SPIs for each reparable item, each hazardous material item, each fragile, sensitive, critical item, and any item that cannot be adequately packaged/defined as a Select item, following MIL-STD-2073-1D. SPIs shall meet the performance of ASTM D4169, Distribution Cycle 18, Assurance Level I, with Acceptance Criterion 3 (Product is damage free and package is intact). Each SPI submittal shall have a test report, including photographs, attached showing the condition of the package and part before and after the testing. Acceptable photographic evidence shall show the product is undamaged from all angles. SPI shall be in a format that can be viewed, changed, and commented upon (for example, Microsoft Word 6.0, see CDRL A00S and DID DI-PACK-80121B). The Contractor shall provide read/write access to SPI. All data submitted shall be Contractor validated and 95% accurate. The Contractor shall rework submittal errors within 20 days after rejection by the Government.

C.24.7.3 Excluded Items. Excluded items are those items with packaging data already in the TACOM Packaging File "PACQ", FEDLOG, Federal Logistics Information System (FLIS), and those assigned a Contractor and Government Entity Code (CAGE) of: 1T416, 21450, 80204, 96906, 10060, 24617, 80205, 99237, 80244, 81343, 81346, 81348, 81349, 81352, or 88044. Also EXCLUDED are items for: (1) not mission capable supply, (2) depot operational consumption, and (3) not-for-stock supply.

C.24.7.4 Change Notices. The Contractor shall assess engineering and logistic changes for packaging impact, provide revisions and additions to the packaging information when there is a packaging impact, and provide packaging impact statements with change notices with a 90% accuracy rating. The Government will verify Contractor impact statements.

C.25 LOGISTICS DEMONSTRATION (LD)

C.25.1 The Contractor shall supply all technical manuals and expendable and durable items required to perform the LD tasks. The Contractor shall provide technical and engineering support, as required, to assist the Government in the performance of the LD effort.

Name of Offeror or Contractor:

The Contractor shall provide the facilities to support the LD. These facilities shall include an operations site, a shop area equipped with lifting equipment and all the tools and diagnostic equipment required to perform all operations and maintenance tasks. One of the LRIP units will be used for LD.

C.25.2 Logistics Demonstration. The Government shall conduct a Logistics Demonstration. Total duration of the Government LD is ten (10) days maximum. The LD is a non-destructive disassembly and re-assembly of the Camel. One of the LRIP units will be used for LD. System peculiar TMDE and support equipment will also be tested to determine their logistic status. The LD shall include performance of all the operation and scheduled maintenance tasks required for the Camel as related to:

- a. The achievement of maintainability goals;
- b. The adequacy and suitability of tools and test equipment;
- c. Maintenance instructions and personnel skill requirements;
- d. The selection and allocation of repair parts, other equipment, and tasks to appropriate maintenance levels, and the adequacy of maintenance time standards.

C.26 SUPPORT OF GOVERNMENT TESTING

C.26.1 Production Verification Test. The Government will conduct a Production Verification Test (PVT), at Aberdeen Proving Grounds, Aberdeen, MD or Yuma Proving Grounds, Yuma, AZ, on four Camel units produced with production tooling. Total duration of Government PVT will be approximately 180 days. The Government will conduct the PVT in accordance with a Government Test Plan. The purpose of the PVT is to ensure that the Camel system conforms to the requirements specified in Section 3 of the PD 2314. After completion of testing, the Contractor shall ship the tested units back to the Contractors facility for refurbishment.

C.26.1.1 Technical Support During PVT. The Contractor shall provide one on-site technical representative for the duration of PVT. In addition, the Contractor shall supply any spare parts or consumable items that are required during PVT that were not included in the System Support Package (C.26.3). During the PVT, the Government will write Test Incident Reports (TIRs). Each TIR will be scored per the Failure Definition/Scoring Criteria contained in Section J, Attachment 13. The Contractor shall respond to each TIR with a Failure Analysis and Corrective Action Report (FACAR) in accordance with CDRL A006 and DID DI-RELI-81315. The Contractor shall support Government Scoring Conferences by attending at the test site as well as briefing members about engineering changes and modifications made to the Camel as the result of failures during the PVT. Unless directed otherwise by the Government, two Test Incident Meetings shall be held at the Contractors facility, one midway through PVT and one after completion of PVT.

C.26.1.2 A FACAR shall be submitted within the time limits listed below. Submittal requirements are based on the TIR release dates. The Government will approve corrective actions before Contractor implementation.

<u>Incident Classification</u>	<u>FACAR Submitted Within</u>
Critical	2 working days
Major	10 calendar days
Minor	30 calendar days, only if requested by Government
Information	30 calendar days, only if requested by Government

The Failure Analysis and Corrective Action Report shall be formatted and delivered in accordance with DID DI-RELI-81315, Failure Analysis and Corrective Action Report, and CDRL A006. The Contractor shall address Reliability and Maintainability requirements as applicable in FACARs.

C.26.1.3 Non-Conformance of PVT. In the event the Camel fails to meet requirements as described in the PD 2314, the Contractor shall submit plans for the corrective action or disposition to the Government for approval. Failures may be corrected during the testing, with Government approval.

C.26.2 Initial Operational Test and Evaluation (IOT&E). The Government will conduct Initial Operational Test and Evaluation (IOT&E), at either Aberdeen Proving Grounds, Aberdeen, MD, or Yuma Proving Grounds, Yuma, AZ, on three Camel units produced with production tooling. Total duration of Government IOT&E will be approximately 60 days. The Government will conduct IOT&E in accordance with the Government Test Plan. The purpose of the IOT&E is to determine operational suitability and effectiveness. After completion of testing, the Contractor shall ship the tested units back to the Contractor's facility for refurbishment.

C.26.3 System Support Package (SSP). The Contractor shall deliver a SSP to support PVT testing (as specified in Section 4 of PD 2314) and a second SSP to support IOT&E testing. The Contractor shall deliver the SSP with an inventory list to the Government test site 10 days prior to the start of each Government test. At a minimum, the SSP should include, but is not limited to, repair parts, special tools, BII, expendable items, TMDE and draft equipment publications. The Contractor shall provide any additional parts required to support test (either parts not included in the SSP or parts included in insufficient quantity) within 48 hours of Contractor notification by the Government at no additional cost to the Government. If any re-testing is necessary, the Contractor shall provide the necessary SSP items to support the retest. Following completion of testing, the Government shall provide disposition instructions for unused SSP items.

C.26.3.1 System Support Package Component List (SSPCL). The Contractor shall deliver a SSPCL in accordance with DI-ILSS-80532 to the

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 42 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

Government no less than 90 days prior to the start of Government testing. The SSPCL shall be subject to Government rejection or approval within 15 days after receipt. If rejected by the Government, the Contractor shall deliver a corrected report to the Government within 60 days prior to the start of testing. See DID DI-ILSS-80532 System Support Package Component List, CDRL A005.

C.26.4 Test Article Refurbishment. At the Government's option, the test articles used during LD, PVT, and IOT&E shall be refurbished by the Contractor. The refurbished units shall be delivered as part of the contract quantity, provided they meet production acceptance test requirements. This shall be accomplished within 90 days after exercise of the option. Refurbishment includes complete cleaning and touch-up repainting of the test articles and repair or replacement of any worn or damaged parts to bring the units to a fully mission capable condition. Reusable parts shall be packaged and shipped to Government installations. If additional GFM is required, the Government will provide it. If the Government chooses not to refurbish a test unit, it will provide disposition instructions for all non-GFM hardware to the Contractor. A decision not to refurbish test units shall not absolve the Contractor from meeting contract quantity requirements.

C.26.5 Retrofit of Units. After completion of LD, PVT, and IOT&E, the Contractor shall retrofit all Camel units built before, or in the process of being built at the time of PCO notification of FAT approval, to the configuration product baseline established after successful completion of the Physical Configuration Audit (See Para. C.20.3). Retrofit includes application of all approved corrective actions and engineering changes to bring the Camel to the product baseline configuration.

C.26.6 Manufacturing Standard. Following successful completion of the Logistics Demonstration (LD), the LD unit shall remain at the manufacturing facility as the manufacturing standard. The Contractor shall maintain the unit in a serviceable condition for the time it is used as the manufacturing standard. Upon contract completion, the LD item shall be the last item delivered. Any configuration change approved by the Government shall be incorporated into the manufacturing standard unit at no additional cost to the Government. During performance of this contract, the Government reserves the right to select another production-representative unit to remain at the Contractor's facility as the manufacturing standard.

C.27 TRAINING REQUIREMENTS

C.27.1 General. The Contractor shall develop training material (courseware) to cover operator and maintenance tasks for the Camel. The Contractor shall be responsible for initial training and all courseware to support it. Training and courseware shall be on the operation, maintenance, and repair of all components and ancillary equipment (if any) unique to the Camel. Initial training shall be conducted at Government facilities. Trainees may either be Government personnel or Government support Contractors. The training shall include any necessary equipment to support operation, PMCS, and operator and unit maintenance of the Camel. Instruction shall consist of approximately 40% classroom and 60% practical exercise, and teach operation, setup and disassembly, preventive maintenance checks and service (PMCS), inspection, testing, troubleshooting, and safety procedures. Initial training shall be conducted to support the Government testing (Production Verification Test and Initial Operational Test and Evaluation). No separate training is required to support the Logistics Demonstration.

C.27.2 Production Verification Test (PVT) Training. Training to support the PVT shall consist of an operator course and maintainer course. The Contractor shall conduct PVT training for a maximum of 30 students at Aberdeen or Yuma Proving Grounds. These courses shall be targeted to the personnel who will operate and maintain the system. The PVT courses shall be taught by the Contractor utilizing draft courseware. The operator course shall not be more than 40 hours in length, and the maintainer course shall not be more than 40 hours in length. Total time of the PVT training shall not exceed 80 hours.

C.27.2.1 The Contractor shall deliver four Camel PVT units (from Low Rate Initial Production quantities) and the associated support equipment to include technical manuals, all lesson materials, training literature, training aids, special tools & test equipment, and all tools necessary to disassemble and assemble, to the training site not later than 7 days prior to the training.

C.27.3 Initial Operational Test and Evaluation Training. Training to support the Initial Operational Test and Evaluation (IOT&E) shall consist of an operator course and maintainer course. The Contractor shall conduct IOT&E training for a maximum of 30 students at Aberdeen or Yuma Proving Grounds. These courses shall be targeted to the personnel who will operate and maintain the system. The IOT&E courses shall be taught by the Contractor utilizing draft courseware. The operator course shall not be more than 40 hours in length and the maintainer course shall not be more than 40 hours in length. Total time of the IOT&E training shall not exceed 80 hours.

C.27.3.1 One or more of the four Camels delivered for PVT shall be used for the conduct of IOT&E training. The Contractor shall also deliver all associated support equipment to include draft technical manuals, all lesson materials, training literature, training aids, special tools & test equipment, and all tools necessary to disassemble and assemble, to the training site not later than 7 days prior to the training.

C.27.4 Instructor and Key Personnel (I&KP) Training. The Contractor shall provide I&KP training and shall utilize draft courseware. I&KP training shall consist of courses for operators and maintainers. The Contractor shall conduct a total of 2 classes consisting of one class for operators and one class for maintainers for a maximum of 30 students. Training shall be conducted at Aberdeen or Yuma Proving Grounds. Each course shall not exceed 40 hours. These courses shall be targeted to instructor and key personnel who will operate and maintain the system. Following completion of I&KP training, approved Government comments received from attendees shall be incorporated into the courseware to yield a final product. The Contractor shall maximize the use of distance learning to reduce platform instruction through videotape, Internet, computer based, CDROM, and interactive CDROM training programs.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 43 of 146 REPRINT
Name of Offeror or Contractor:		

C.27.5 The Contractor shall deliver the associated support equipment to include Government approved technical manuals, all lesson materials, training literature, training aids, special tools & test equipment, and all tools necessary to disassemble and assemble, to the training sites not later than 7 days prior to the training.

C.27.5.1 Training Course Outline. The Contractor shall format and deliver a training course outline in accordance with CDRL A00T and DID DI-ILSS-80872 (T), Attachment 11. The outline is a schedule of events and includes a breakdown of individual topics showing the time allotted, materials required (TV, VCR, etc.), facility requirements, reference materials, type of instruction (practical exercise, lecture, demonstration, video, etc) and tools required for each topic. Commercial format is acceptable. A sample outline will be provided to the Contractor at the start of work meeting.

C.27.5.2 Training Materials. The Contractor shall deliver Instructor Guides and Student Training Guides, formatted and delivered in accordance with CDRL A00U and DID DI-ILSS-80872 (T), Training Materials, Attachment 11, for both operator and maintainer training, for a total of four guides. Training Materials shall contain equipment and component description, functional data, and training handbooks that include, by sub-component for Camel operation, setup and disassembly, inspection, testing, troubleshooting, and safety procedures.

C.27.5.3 Training Course Completion Report. The Contractor shall deliver a Training Course Completion Report formatted in accordance with CDRL A00V and DID DI-ILSS-80872 (T), Attachment 11. The Contractor shall data fax or e-mail to the Government a list of students in attendance on the first day of training. The Government will send completed Certificates of Training to the instructor after the Government receives the list of students in attendance, to be presented at the end of the class. The Contractor may also provide corporate certificates if desired. The Government will provide the Contractor with course critiques that the Contractor shall administer to each student at the end of each class conducted. For each class the Government will provide a student attendance list, to be administered by the instructor. The Contractor shall submit the completed critiques and student attendance list NLT 10 days after completion of each class.

C.28 PRODUCT ASSURANCE

C.28.1 The Contractor shall develop and implement a quality acceptance, inspection and test (AI&T) plan for the Camel production, test, and refurbishment units to include all models. This acceptance inspection and test (AI&T) plan shall demonstrate the adequacy and suitability of the Contractor's production processes and procedures for achieving the performance inherent in the product baseline. This acceptance inspection and test plan (AI&T) plan with sign off sheets (check-lists) shall be submitted to the Government for approval prior to any acceptance of the Camel system either for testing or production by Government QAR inspectors. The Contractor shall conduct testing that will ensure that the manufacturing processes, equipment, and procedures are effective, in accordance with PD 2314, paragraph 4.1.2 (AI&T) with a Government QAR present. A production test checklist with Government Quality Assurance Representative (QAR) approval shall be overpacked with each unit. Evidence of any failure during the acceptance inspection and test (AI&T) requirements in PD 2314, paragraph 4.1.4 shall constitute rejection of the unit by the Government QAR. The AI&T shall be formatted and delivered in accordance with DI-NDTI-80603, Test Procedure (AI&T) and CDRL A00W.

C.29 GOVERNMENT FURNISHED MATERIAL, PROPERTY OR EQUIPMENT.

C.29.1 The Government will furnish to the Contractor the items identified in Attachment 12, Government Furnished Material/Property or Equipment, to be integrated into and used as part of each Camel system. The Contractor, upon receipt of Government owned assets shall perform an inventory (with DCMC oversight and guidance) and inspection within ten working days. The inspection shall determine as a minimum if the items are in adequate condition and suitable for intended use. The Contractor shall provide notification of receipt to the Government in Contractor format. As a guide the Contractor may follow the requirements of DI-MGMT-80389B.

C.29.2 Upon discovery of defective GFM the Contractor shall document the results of the inspection and shall furnish a Quality Deficiency Report Standard Form 36 (QDR) in accordance with DI-QCIC-80736. The report shall as a minimum include a description of the deficiency and/or defect, quantity of GFM affected, and recommended disposition or cost to repair the item.

C.29.3 Handling, storage and accountability of GFM shall be in accordance with the Contractor's Quality Program.

C.30 DISTANCE LEARNING (DL) PACKAGE(S) - OPTION

C.30.1 Distance Learning Package (DLP). This contract contains in Section H a Distance Learning Package (DLP) option in accordance with CDRL A00Y and DID DI-SESS-81526B. The Contractor shall provide a CD-ROM interactive courseware training package(s) for the items below for DLP if the option is exercised:

- a. General end-item description;
- b. Proper use/operation of the end-item;
- c. Safety issues, cautions, and warnings;
- d. Operator-level Preventive Maintenance Checks and Services (PMCS)

C.30.2 The CD must be compatible with the most recent version of the Tool Book Instructor Hypertext Markup Language (HTML) format. The DLP shall be formatted and delivered in accordance with DI-SESS-81526B, Instructional Media Package/Distance Learning Package and CDRL A00Y

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 44 of 146 REPRINT
Name of Offeror or Contractor:		

C.31 CONTRACTOR FIELD SERVICE REPRESENTATIVE REQUIREMENTS (FSR) - OPTION

C.31.1 Technical Support. If the option for Field Service Representative is exercised, the Contractor shall provide technically qualified personnel to provide support to the Total Package Fielding Team (defined as representatives of the Government) during the hand-off to the U.S. Army receiving units or other activities designated by the Government.

C.31.2 Total Package fielding/Handoff Support. The Contractor shall provide technically qualified personnel to accomplish deprocessing of the end item and its components, assist in unit joint inventory, and prepare unit shortage lists and Quality Deficiency Reports (QDRs), Standard Form 36. Completed customer documentation shall remain with Government TPF personnel.

C.31.2.1 Deprocessing. The Contractor shall perform on-site preparation of equipment at the hand-off site, including complete operator and maintainer PMCS. Upon completion of deprocessing, the equipment shall be 100 percent mission capable.

C.31.2.2 Shortage List. The Contractor shall prepare a shortage list (DA 2062) of all missing items prior to fielding. The shortage list shall include a description of the item, nomenclature, NSN, part number, quantity, and date of availability. This list shall be attached to the joint inventory.

C.31.2.3 Joint Unit Inventory Form. The Government materiel fielding team, Contractor, and unit gaining representative shall conduct a joint inventory of all major items and components. The customer documentation packages shall be completed and turned over to the Government Material Fielding Representatives. The Government shall provide the Contractor with the joint inventory form (DA Form 5684-R).

C.31.3 The field Service Representative shall be paid based on man-days as reflected in Section B of the contract. Travel expenses shall be paid on a cost reimbursable basis.

C.31.3.1 The Contractor shall provide a man-day of service rate per job classification, per ordering period for Contractor field service representative. The man-day rate shall be in support of Total Package Fielding. The Contractor shall provide qualified Contractor Field Service Representative(s) who shall advise/make recommendations to orient and instruct key Government personnel regarding operations, maintenance, repair, and supply of Contractor parts for the camel, including all components.

C.31.3.2 The PCO shall designate the times and locations of the service to be performed by work directive, but shall not supervise or otherwise direct activities. Within a half working day of notification, if possible, the Contractor shall notify the TACOM Contract Specialist of the transportation costs (most cost effective commercially available round trip airfare, if air transport is required, and hours of travel required to and from the site) to be included in the order.

C.31.3.3 The Contractor shall obtain specific requirements, if any, for access to Government facilities located in CONUS 30 days prior to each fielding, and 90 days prior to fielding in OCONUS. If a security clearance is required at the site where the FSR will perform his services, the Contractor shall be responsible for ensuring proper coordination is made with the appropriate personnel. The Contractor may be required to provide personal vital statistics related to the FSR, including documentary evidence, such as a birth certificate and such other evidence as requested by the PCO, to obtain a security clearance. It is recommended, though not required, that the Contractor initiate clearance procedures for potential FSRs following contract award.

C.31.3.4 Upon completion of an assignment, the FSR shall submit to the TACOM Contract Specialist and program SAM a letter or report, in Contractor format, which synthesizes his/her assignment.

C.31.4 Man-Day of Service. The FSR shall work no more than eight (8) hours per day, excluding travel time, unless authorized by the PCO. A man-hour of service includes any period during which the FSR is delayed or prevented from performing any task only if the delay or non-performance is solely the fault of the Government.

C.31.4.1 Travel time for initial travel from the Contractors facility to the work site, for travel between work sites, and for travel back to the Contractors facility shall be paid at an hourly rate of service and may be over/above the eight hours allowed per work day.

C.31.4.2 The man-day rate is exclusive of subsistence, lodging, and incidental expense incurred by the FSR while performing the services. The Government shall pay these expenses on a cost reimbursement basis.

C.31.4.3 The man-day rate of service is exclusive of all transportation costs, which includes airfare and local rental car in and around the job site. The Government will pay the Contractor Government auto rental rates for the site of the service and will pay for the best commercially available airfare, if air transportation is necessary, during performance of services under orders issued in accordance with this scope of work.

C.31.4.4 The man-day of service includes all Government delays, travel time (all-inclusive), and report preparation completed at the duty location. In addition to payment for actual days worked, the Government will pay for official U.S. holidays if it is necessary for the representative to be present on those days to complete the technical assistance assignment that would be normal workday(s) at the FSRs facility. When the FSR is on site on a Saturday or Sunday but is not working, the Government will pay only the per diem and local

Name of Offeror or Contractor:

transportation costs. The granting of vacation time off, holidays other than official US holidays, sick and emergency leave is solely the responsibility of the Contractor and shall not be paid for by the Government under terms of this contract. It is immaterial whether the same representative completes an assignment, but the Government will not pay additional travel costs or time if the Contractor decides to rotate personnel during the course of an assignment, unless authorized by the PCO.

C.32 CONTRACTOR SYSTEMS SUPPORT DURING CONTINGENCY OPERATIONS - Option

C.32.1 Technical Support. If the option for Contractor systems support during contingency operations is exercised, the Contractor shall provide technically qualified personnel to support US deployed operational forces in a theater of operations OCONUS.

C.32.2 If the option is exercised for Contractor Systems Support During Contingency Operations, the following clauses shall become applicable:

- 52.228-3 Workers Compensation Insurance (Defense Base Act)
- 52.228-4 Workers Compensation and War Hazard Insurance Overseas
- 252.228-7000 Reimbursement for War Hazard Losses
- 252.228-7003 Capture and Retention
- 252.225-7043 Antiterrorism/Force Protection for Defense Contractors Outside the United States
- 252.209-7001 Disclosure of Ownership or Control by the Government of a Terrorist Country

C.33 INTERIM CONTRACTOR SUPPORT (ICS) - OPTION.

C.33.1 If this option is exercised, the Contractor shall procure, store, and fill field requisitions from items identified on the Recommended Spare Parts List. The Contractor shall be required to comply with requisition processing and materiel movement time standards as stated in AR 725-50, Requisitioning, Receipt, and Issue System. The Contractor shall exclude items such as common hardware and those previously identified through pre-procurement screening as already having been assigned a National Stock Number.

C.33.2 In the event, during the first two years of fielding, that a fielded Camel is not available due to lack of a part not identified or procured in accordance with the Recommended Spare Parts List, the Contractor agrees to provide the required part from active production line assets, and the Government and Contractor agree to negotiate an equitable adjustment to the contract to replace the asset to the production line.

C.33.3. The Contractor shall provide field failure engineering analysis upon request, during the first two years after fielding. The results of field failure engineering analysis shall be documented using FACARs, DI-RELI-81315(T).

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 46 of 146 REPRINT
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Name of Offeror or Contractor:

SECTION D - PACKAGING AND MARKING

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
D-1	52.211-4113 (TACOM)	BAR CODE MARKING	SEP/2000

(a) Bar code markings are required on all containers and loose or unpacked items as specified in MIL-STD-129N, paragraph 4.2.3. The bar code symbology shall comply with AIM BC 1. The following shall be bar coded:

- (1) National Stock Number (NSN)/ NATO stock number shall be bar coded on all unit packs and intermediate containers.
- (2) The exterior container shall be bar coded with the NSN/NATO stock number and the contract or purchase order number(including the call number).
- (3) Items that are serial numbered shall have the serial number bar coded.
- (4) Exterior boxes and crates 10 cubic feet and over shall be bar coded on one end of the container as well as on the identification marked side.

(5) Contractor or vendor-originated shipments destined for outside continental United States(OCONUS) and shipped through the Defense Transportation System(DTS)(transshipment) shall comply with the address marking instructions in DoD 4500.32-R, Volume I, which requires the address markings to be placed on a bar coded DD Form 1387. For these shipments, bar code labels may be affixed to the DD Form 1387 as an alternative to direct bar coding of the DD Form 1387. Destinations such as Hawaii, Alaska, Puerto Rico, Canada, and Mexico are considered OCONUS sites and require bar coded DD Form 1387 address labels, see MIL-STD-129, paragraph 4.3.

(b) Information and illustrations on bar code markings are contained in MIL-STD-129N and in MIL-HDBK-129.

[End of Clause]

D-2	52.247-4003 (TACOM)	CLEARANCE AND DOCUMENTATION REQUIREMENTS--SHIPMENTS THROUGH THE DEFENSE TRANSPORTATION SYSTEM (DTS) FROM OCONUS CONTRACTOR FACILITIES (F.O.B. ORIGIN)	MAR/2002
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(a) All shipments to water or air ports for transshipment to (i) destinations in the continental United States (CONUS), or (ii) other areas outside the continental United States (OCONUS), are subject to clearance and documentation procedures in accordance with the requirements of DOD 4500.32-R, Military Standard Transportation and Movement Procedures (MILSTAMP).

(b) Notwithstanding other requirements in this contract with respect to marking of shipments, all shipments moving through the DTS will be marked in accordance with the requirements of MILSTAMP, MIL-STD-129, Military Standard Marking for Shipment and Storage, including bar code markings.

[End of Clause]

D-3	52.247-4016 (TACOM)	HEAT TREATMENT AND MARKING OF WOOD PACKAGING MATERIALS	JUL/2002
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ALL NON-MANUFACTURED WOOD USED IN PACKAGING SHALL BE HEAT TREATED TO A CORE TEMPERATURE OF 56 DEGREES CELSIUS FOR A MINIMUM OF 30 MINUTES. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL BE AFFILIATED WITH AN INSPECTION AGENCY ACCREDITED BY THE BOARD OF REVIEW OF THE AMERICAN LUMBER STANDARD COMMITTEE. THE BOX/PALLET MANUFACTURER AND THE MANUFACTURER OF WOOD USED AS INNER PACKAGING SHALL ENSURE TRACEBILITY TO THE ORIGINAL SOURCE OF HEAT TREATMENT. EACH BOX/PALLET SHALL BE MARKED TO SHOW THE CONFORMANCE TO THE INTERNATIONAL PLANT PROTECTION CONVENTION STANDARD. BOXES/PALLETS AND ANY WOOD USED AS INNER PACKAGING MADE OF NON-MANUFACTURED WOOD SHALL BE HEAT TREATED. THE QUALITY MARK SHALL BE PLACED ON BOTH ENDS OF THE OUTER PACKAGING, BETWEEN THE END CLEATS OR END BATTENS; ON TWO SIDES OF THE PALLET.

[End of Clause]

Preservation, Packaging, Packing, and Marking Requirement

SECTION D

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 47 of 146
	PIIN/SIIN DAAE07-03-R-T006	MOD/AMD	REPRINT

Name of Offeror or Contractor:

D.4 General Requirements

D.4.1 Prototypes, FAT units and SSPs shall be shipped using best commercial methods to ensure safe arrival at test sites. All production items shall be clean and dry, and preserved in accordance with preservation requirements developed under Section C (Shipment and Storage processing instructions) of the contract and approved by the Government.

D.4.2 The system shall be prepared for shipment sufficient to protect the item IAW either short-term or long term transport/storage requirements developed in section C (Shipment and Storage processing instructions) of this contract and the instructions contained in the delivery order.

D.5 Spare/Repair parts. Any secondary item entering the military distribution system for store, stock and issue shall be preserved in accordance with MIL-STD-2073-1D, minimal packing IAW procedures developed and approved under section C of this contract.

D.6 Authorized Stockage Level (ASL). If ASL is procured under this contract it shall be packed for storage for not less than 180 days. ASL parts shall be marked as such so they can be kept segregated from normal stock. As a minimum the parts shall be marked identifying it as ASL stock, part number, CAGE and nomenclature. Include a packing list in each ASL shipping container.

D.7 Marking

D.7.1 Marking shall be in accordance with MIL-STD-129N for all shipments entering the military distribution system. Bar coding in accordance with AIM BC 1 is required as specified in MIL-STD-129N for all stock entering the military distribution system.

D.8 Software and Technical Data. All software and technical data developed under this contract shall be packaged to assure arrival at destination without any damage to the item. Software and technical data shall be marked with name and address of consignee and consignor and shall include the contract number.

D.9 Technical Manuals. The Contractor shall overpack the -10 and -14&P manuals, and Shipment and Storage Instructions, with each production system delivered. The Contractor shall place each publication in its own waterproof bag for overpack.

D.10 The Contractor shall ensure that all hazardous materials are packaged and shipped separately from the Camel to prevent the Camel from being considered hazardous material for transport. All hazardous materials shipping shall comply with the requirements of the Code of Federal Regulation Titles 29, 40 and 49, International Maritime Dangerous Goods Code, for vessel transport, and AFMAN 24-204, Preparing Hazardous Materials for Military Air Shipments.

*** END OF NARRATIVE D 001 ***

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 48 of 146 REPRINT
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Name of Offeror or Contractor:

SECTION E - INSPECTION AND ACCEPTANCE

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
E-1	52.246-2	INSPECTION OF SUPPLIES--FIXED-PRICE	AUG/1996
E-2	52.246-4	INSPECTION OF SERVICES - FIXED-PRICE	AUG/1996
E-3	52.246-16	RESPONSIBILITY FOR SUPPLIES	APR/1984
E-4	52.209-4	FIRST ARTICLE APPROVAL--GOVERNMENT TESTING [ALTERNATE I (JAN 1997) AND ALTERNATE II (SEP 1989)]	SEP/1989

(a) The Contractor shall deliver four (4) unit(s) of Contract Line Item 0002AA within Four Hundred Fifty (450) calendar days from the date of this contract or, if the DESIRED DELIVERY SCHEDULE clause is in section F, as specified in the clause, or as otherwise proposed by the contractor and accepted by the Government. the Government at the following address: To Be Determined.

for first article tests. The shipping documentation shall contain this contract number and the Lot/Number identification. The characteristics that the first article must meet are specified elsewhere in this contract.

(b) Within Thirty (30) calendar days after the Government receives the first article, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite reasons for the disapproval.

(c) If the first article is disapproved, the Contractor, upon Government request, shall submit an additional first article for testing. After each request, the Contractor shall make any necessary changes, modifications, or repairs to the first article or select another first article for testing. All costs related to these tests are to be borne by the Contractor, including any and all costs for additional tests following a disapproval. The Contractor shall furnish any additional first article to the Government under the terms and conditions and within the time specified by the Government. The Government shall act on this first article within the time specified in paragraph (b) above. The Government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule, or for any additional costs to the Government related to these tests.

(d) If the Contractor fails to deliver any first article on time, or the Contracting Officer disapproves any first article, the Contractor shall be deemed to have failed to make delivery within the meaning of the DEFAULT clause of this contract.

(e) Unless otherwise provided in the contract, the Contractor--

(1) May deliver the approved first article as a part of the contract quantity, provided it meets all contract requirements for acceptance and was not consumed or destroyed in testing; and

(2) Shall remove and dispose of any first article from the Government test facility at the Contractor's expense.

(f) If the Government does not act within the time specified in paragraph (b) or (c) above, the Contracting Officer shall, upon timely written request from the Contractor, equitably adjust under the CHANGES clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

(g) The Contractor is responsible for providing operating and maintenance instructions, spare parts support, and repair of the first article during any first article test.

(h) Before first article approval, the Contracting Officer may, by written authorization, authorize the Contractor to acquire specific materials or components or to commence production to the extent essential to meet the delivery schedules. Until first article approval is granted, only costs for the first article and costs incurred under this authorization are allocable to this contract for (1) progress payments, or (2) termination settlements if the contract is terminated for the convenience of the Government. If first article tests reveal deviations from contract requirements, the Contractor shall, at the location designated by the Government, make the required changes or replace all items produced under this contract at no change in the contract price.

(i) The Government may waive the requirement for first article approval test where supplies identical or similar to those called for in the schedule have been previously furnished by the Offeror/Contractor and have been accepted by the Government. The Offeror/Contractor may request a waiver.

(j) The Contractor shall produce both the first article and the production quantity at the same facility.

[End of Clause]

TACOM ADDENDUM:

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page 49 of 146</p> <p align="center">REPRINT</p>
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Name of Offeror or Contractor:

For purposes of this contract, interpret Paragraph (h) above to mean that the PCO hereby authorizes you to purchase all material and components necessary to produce the production quantity.

[End of Addendum]

E-5	52.209-4012	NOTICE REGARDING FIRST ARTICLE	APR/2000
	(TACOM)		

(a) Notwithstanding the provisions for waiver of first article, an additional first article sample (or portion thereof) may be ordered by the Contracting Officer in writing when (i) a major change is made to the technical data, (ii) whenever there is a lapse in production for a period in excess of one year, or (iii) whenever a change occurs in place of performance, manufacturing process, material used, drawing, specification or source of supply.

(b) When any of the conditions above occurs, the Contractor shall notify the Contracting Officer so that a determination can be made concerning the need for the additional first article sample (or portion thereof), and instructions can be provided concerning the submission, inspection, and notification of results.

(c) Costs of any additional testing and inspection resulting from conditions specified above shall be borne by the Contractor, unless the change was directed by the Government. Further, any production delays caused by additional testing and inspection will not be the basis for an excusable delay as defined in the default clause of this contract. Such delays shall not form the basis for adjustment in contract price or delivery schedule.

[End of Clause]

E-6	52.211-4017	ENHANCED CARC REQUIREMENTS FOR HIGH PERFORMANCE SYSTEMS	JAN/2002
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(a) THE FOLLOWING REQUIREMENTS SUPERCEDE THE PERFORMANCE REQUIREMENTS CONTAINED IN TT-C-490, MIL-C-5541 AND MIL-C-53072 RELATIVE TO THE ADHESION AND CORROSION RESISTANCE OF THE CARC SYSTEM:

(b) Ferrous and galvanized surfaces shall be cleaned and pretreated to provide the following level of performance on a repeatable basis. The cleaning/pretreatment/control process shall be documented and submitted to the procuring activity for approval prior to production. Qualification and process control testing shall be performed on the same substrate used in production. The system under test shall consist of the pretreatment and primer. There are significant variations in performance due to primer manufacturer, VOC content and primer thickness variation. Sufficient testing shall be conducted to achieve a statistical confidence in both the brand/type of primer used and the dry film thickness used in production. If the tolerance of the dry film thickness exceeds plus or minus 1.0 mil then you must qualify the extremes of the range separately.

(c) To verify the corrosion resistance, a minimum of three test panels per test variation no smaller than 4 x 6 inches with the pretreatment/primer system as noted above shall be subjected to 1000 hr. of neutral salt spray per ASTM B117 (40 cycles of GM 9540P - scribed is an acceptable alternative) for ferrous substrates or 40 cycles of GM 9540P for galvanized surfaces. The test panels shall be cured for a minimum of 7 days and diagonally scribed through the coating system to the metallic layer. A minimum of 24 hr. after the completion of the neutral salt spray test or within 5 days after completion of the GM 9540P test the scribe shall be scraped at a 30 degree (approximate) contact angle with a 38mm (approximate) blunt tipped metal blade such as a putty knife parallel and perpendicular to the scribe. There shall be no more than 3mm maximum loss of paint adhesion or corrosion at any point from the scribe line. In addition, there shall be no more than 5 blisters in the field with none exceeding 1mm; corrosion in the field shall not exceed Rust Grade 9 of ASTM D610.

(d) To verify long term CARC adhesion, after completion of the corrosion resistance test evaluation each test panel will be subjected to cross hatch tape test (minimum tape adhesion rating of 45 oz. per inch of width). The test pattern shall be 4 x 4 scribe lines to the metallic layer at 2mm intervals(approximate) and shall be done no closer than 12 mm from any edge or the scribe creep. Multiple head cutters are not recommended. Loss of two or more complete primer squares shall constitute failure.

(e) The contractor must demonstrate the ability to pass both tests for the system to be considered acceptable. This testing shall be performed on 5 consecutive days of production. If all test panels are acceptable, the testing can revert to two test panels every two months of production.

(f) The only system that is currently available to achieve this level of performance is a zinc phosphate pretreatment system per TT-C-490 with a high quality primer. All primers used must be on the QPL for MIL-P-23377, 53022, -53030, or 53084. Not all QPL primers with the exception of electrocoat primers per MIL-C-53084 have this level of corrosion resistance/paint adhesion, however.

Note: Hot dipped galvanized surfaces are highly prone to chlorine/chloride contamination from the galvanizing flux process. This contaminant must be removed for the coating system to pass these performance tests.

(g) For aluminum substrates the required pretreatment system is a chromate conversion per MIL-C-5541. If alternative pretreatment

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 50 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

systems wish to be considered, they must demonstrate their ability to pass when coated with the nominal production primer (scribed) 120 cycles of GM 9540P. After completion of the test, the panels shall be scraped as noted above and shall have no more than 0.5mm of paint loss maximum from the scribe. In addition, there shall be no more than 5 blisters in the field with none larger than 1mm. After completion of the 120 cycle test, the cross hatch scribe test noted above shall be performed. The removal of one or more complete squares of primer shall constitute failure. The alternate system must demonstrate its ability to provide an acceptable product on 5 consecutive days of production to be considered a suitable alternative. The alternative process must be documented and approved by the procuring activity. Controls must be established to assure that the process remains under statistical control. The only alternative products which have demonstrated their ability to meet these requirements for 5000 and 6000 series aluminum alloys are Alodine 5200 and Alodine 5700.

(g) Failure to meet the corrosion resistance/adhesion requirements shall be cause for rejection of all production units manufactured during that production interval.

(h) Final Acceptance of the CARC Finish on Production Hardware:
The dry film thicknesses of the primer and topcoat as well as coating adhesion on the fully cured primer/topcoat coating system are mandatory requirements. Variations in the primer thickness and curing conditions will dramatically affect recoat windows and coating performance for some primers. Manufacturing processes which are unable to control the dry film thickness to the requirements contained in Table V of MIL-C-53072 shall be subjected to the 4 x 4 cross hatch scribe test noted above on two production units per lot with two tests per unit. One test shall be conducted on a vertical and one on a horizontal surface (relative to the painting process). There shall be a maximum removal of one complete square of primer/topcoat or topcoat only. The polyurethane CARC topcoat requires approximately 24 days to completely cure at 68 Degrees F. Adhesion testing shall be performed only on a completely cured CARC finish. Contractors which have performed a thorough design of experiments methodology to evaluate the impact of paint system variables or have processes which meet Table V requirements can perform the final acceptance adhesion test on representative test coupons.

[End of Clause]

E-7 52.211-4029 INTERCHANGEABILITY OF COMPONENTS MAY/1994
(TACOM)

(a) DESIGN CHANGES TO ITEMS NOT UNDER GOV'T DESIGN CONTROL. Once the Government accepts the first production test item, or accepts the first end item you deliver, (whichever comes first) you must not make design changes to any item or part that is not under Government design control.

(b) WHEN THE POLICY CAN BE WAIVED. The Procuring Contracting Officer (PCO) will consider waiving this policy at your request. If your request reaches the CO after the first production item test has been performed, then we may conduct another first production test at your expense.

(c) PRODUCTION OR DELIVERY DELAYS. Any production or delivery delays caused by this retesting will not be the basis for:

- (1) an "excusable delay" as defined in the DEFAULT clause of this contract.
- (2) be the basis for an increase in contract price or delivery schedule extension.

[End of Clause]

E-8 52.211-4071 CHEMICAL AGENT RESISTANT COATING (CARC) ON WOOD COMPONENTS OCT/1997
(TACOM)

(a) Wood shall be in accordance with A-A-52520, and pressure treated with copper napthenate in light solvent solution to a net minimum retention of 0.040 pound per cubic foot (PCF) of copper as measured by gauge or assay method or treatment to refusal. For domestic hardwood species, an alternative non-pressure treatment is acceptable if the high concentrate (2%) of water repellent copper napthenate solution in accordance with American Wood Preservers Association (AWPA) P8 is used and the same net retention is achieved as with pressure treatment when measured by assay method. After treatment, the wood shall provide a paintable surface as described by the paintability requirements of Spec TT-W-572, except that the wood species, treatment and paint shall be the same as furnished for this contract.

(b) After demonstrating that the paint adhesion requirements are met, and Government inspection/acceptance of this item has occurred, any subsequent flaking and peeling of paint from the wood shall not be considered a defect unless the Government establishes that the flaking and/or peeling of the paint was caused by defective workmanship in the application of the paint or the preparation of the painted surface.

Name of Offeror or Contractor:

[End of Clause]

E-9	52.246-4027 (TACOM)	HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT--TACOM QUALITY SYSTEM REQUIREMENT (NEW DESIGN/DESIGN CONTROL/COMPLEX OR CRITICAL ITEM)	OCT/1997
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(a) As the contractor, you shall implement and maintain a quality system that ensures the functional and physical conformity of all products or services you furnish under this contract. Your quality system shall achieve (i) defect prevention and (ii) process control, providing adequate quality controls throughout all areas of contract performance.

(b) Your quality system may be based on (i) international quality standards such as ISO 9001, or (ii) military, or (iii) commercial, or (iv) national quality standards. (NOTE, however, that quality systems conforming to ISO 9002 or MIL-I-45208 or comparable are NOT acceptable for this contract.) You represent that your performance under this contract will be in accordance with your quality system, which is in compliance with:

- [] ISO 9001
[] QS 9000
[] ANSI/ASQ Q9001
[] Other, specifically: _____

(Note: if you check the "Other" block because you intend to use an in-house quality system, or one based on a commercial, national, or international system not identified above, then in addition to identifying your proposed system in the space above, to the right of the word "Other," you must attach a description of this system to your offer in response to the solicitation, so that we can assess its suitability. If you receive a contract award, your proposed system will be required by the contract.)

(c) Certification of compliance for the quality system you identify above, by an independent standards organization or auditor, does not need to be furnished to us under this contract. However, you may attach a copy of such certification with your offer in response to the solicitation, as proof of system compliance.

(d) At any point during contract performance, we have the right to review your quality system to assess its effectiveness in meeting contractual requirements.

[End of Clause]

E-10	52.246-4028 (TACOM)	INSPECTION POINT: ORIGIN	FEB/1994
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We will inspect the supplies as described elsewhere in this solicitation/contract before acceptance. Fill-in the location, contractor's or subcontractor's plant, where origin inspection will occur.

CONTRACTOR'S PLANT:				
(Name)				
(Address)	(City)	(County)	(State)	(Zip)

SUBCONTRACTOR'S PLANT: _____
 (Name)

 (Address) (City) (County) (State) (Zip)

[End of Clause]

E-11	52.246-4048	DRAWINGS FOR INSPECTION	NOV/1982
	(TACOM)		

The Contractor shall make available to the Government Inspector, at the time of production inspection, legible drawings and printed specifications to which the product was manufactured. These drawings and specifications shall be annotated as to the latest revision incorporated therein. Upon completion of product inspection and acceptance by the Government Inspector, all drawings and specifications

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 52 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

will be returned to the Contractor.

[End of Clause]

SECTION E INSPECTION AND ACCEPTANCE

E.12 RESERVED

E.13 Product Qualification Test (PQT) and Customer Test (CT).

E.13.1 The Contractor shall deliver 4 prototype units to Yuma Proving Grounds, AZ in accordance with the contract delivery schedule, for PQT/CT. The shipping documentation shall contain this contract number and lot/number identification. The characteristics that the units must meet are specified elsewhere in this contract.

E.13.2 Within thirty (30) calendar days after the Contracting Officer receives the PQT/CT test results, the contracting officer shall notify the contractor, in writing, of the conditional approval, approval, or disapproval of the PQT/CT.

E.13.3 If the PQT/CT is disapproved, the Contractor, upon Government request, shall repeat any or all PQT/CT. After each request for additional tests, the Contractor shall make any necessary changes, modifications, or repairs to the PQT/CT units or select another PQT/CT sample for testing. All costs related to these retests are to be borne by the Contractor, including any and all costs for additional testing after disapproval. If tests are to be repeated, the Government shall conduct the tests and deliver another report to the Contracting Officer within the time specified by the Government. The Government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule, or for any additional costs to the Government related to these tests.

E.13.4. If the Contractor fails to deliver any Camel prototype test units on time or the Contracting Officer disapproves of any PQT/CT test results, the Contractor shall be deemed to have failed to make delivery within the meaning of the Default clause of this contract. The Contractor shall dispose of PQT/CT prototype test units in accordance with the direction of the Contracting Officer upon completion of the SDD phase.

E.14 Product Verification Test (PVT).

E.14.1 A PVT will be conducted on four (4) LRIP systems at Aberdeen Proving Grounds, Aberdeen, MD or Yuma Proving Grounds, Yuma, AZ, 30 days after delivery of the test units to the test site. PVT test requirements may be reduced based upon the results achieved during the PQT/CT. Results achieved from the PVT will be used as the basis to validate production representative Camels that meet system requirements. The PVT shall also verify the adequacy of any system modifications or product improvements made as a result of PQT/CT.

E.14.2 Within thirty (30) calendar days after the Contracting Officer receives the PVT test results, the contracting officer shall notify the contractor, in writing, of the conditional approval, approval, or disapproval of the PVT.

E.14.3 If the Contractor fails to deliver any Camel PVT/LD/IOT&E test units on time or the Contracting Officer disapproves of any FAT test results, the Contractor shall be deemed to have failed to make delivery within the meaning of the Default clause of this contract. Unless otherwise provided in the contract the contractor may deliver the approved PVT and IOT&E units as part of the contract quantity, provided they meet all contract requirements for acceptance and were not consumed or destroyed in the testing.

E.14.4 Before FAT approval, the Contracting Officer may, by written authorization, authorize the Contractor to acquire specific materials or components or to commence production to the extent essential to meet the delivery schedules.

E.15 Logistics Demonstration.

One (1) LRIP Camel system will be used for a Logistics Demonstration (LD) that will be conducted by the Government prior to, or in conjunction with the Production Verification Test (PVT) to evaluate the disassembly and re-assembly of the system using the support equipment, its particular tools and associated support items of equipment. Upon LD completion, the one (1) LD LRIP model will be refurbished and maintained at the Contractor's facility as a production standard. Upon completion of production the unit will be fielded as a production unit.

E.16 Inspection Point: Origin.

(INSERT CONTRACTOR ADDRESS)

E.16.1 Acceptance of these supplies will be performed at the address or addresses designated as inspection point.

E.16.2 Inspection of the supplies as described elsewhere in this solicitation/contract will be performed at the facility identified below.

E.17 Acceptance Point: Origin.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 53 of 146 REPRINT
Name of Offeror or Contractor:		

(INSERT CONTRACTOR ADDRESS)

Contractor shall produce the CAMEL prototypes, FAT, and production quantities at the same facility.

E.18 Quality Management Systems And Controls.

E.18.1 In order to ensure functional and physical conformity of all products or services furnished under the delivery order, a formal Quality System and additional management and process controls shall be used by the contractor to achieve defect prevention, process control, and contract and regulatory conformity for all areas of contract performance.

E.18.2 Your quality system shall be based on recognized international, US or foreign national, NATO and US military, US manufacturing, or commercial quality systems that are product or service industry peculiar. These include, but are not limited to ISO 9001:2000, ISO 9000:1994, ANSI/ASQC 9000, QS 9000, ISO 14000, and NATO Allied Quality Assurance Program (AQAP) series. At any point during contract performance, the Government shall have the right to review your quality system to assess its effectiveness in meeting contractual and regulatory requirements.

E.18.3 Certification of compliance or registration of the quality system by an independent standards organization or auditor, NATO, or the Government to recognized standards does not need to be furnished to us under this contract. However, you may attach a copy of such certification with your offer, in response to the solicitation, as proof of current or previous system compliance. At any point during contract performance, the Government shall have the right to review your system to assess its effectiveness in meeting contractual and regulatory requirements.

E.19 Quality Conformance Inspections

E.19.1 The Contractor shall incorporate all the conformance inspections and frequency of inspections as specified in section 3 Table 1 of ATPD 2314 into the internal quality conformance plan.

E.19.2 Failure of any inspection as specified in section 3 Table 1, Conformance Inspection, of ATPD 2314 shall constitute a rejection of the unit. The Contractor shall initiate, internally document, and implement corrective action on any failure. The Contractor shall notify the Government Quality Assurance Representative (QAR) in writing of any corrective action proposed. The Government QAR shall determine if the failed inspection shall be repeated on the representative unit after implementation of the corrective action. All costs related to these inspections are to be borne by the Contractor, including any and all costs for additional tests, inspections, and corrective actions following a failure.

E.20 Drawings For Inspection.

The Contractor shall make available to the Government inspector at the time of any Government inspection (in-process or end item), legible drawings and printed specifications to which the product was manufactured. These drawings and specifications shall be annotated to the latest revision incorporated therein. Upon completion of product inspection and acceptance by the Government inspector, all drawings and specifications shall be returned to the contractor.

E.21 Inspection Equipment.

E.21.1 The Contractor is responsible to supply and maintain all inspection and test equipment necessary to assure that the end item and end item components conform to contract requirements, including all Government Furnished Property (GFP/GFM), except where specific relief from this requirement is provided for in this contract. The contractor's inspection and test equipment calibration system shall meet the requirements of the contractor's Quality Program.

E.21.2 All necessary inspection and test equipment, regardless of ownership, shall be made available to the Government for Government end item or component inspection upon request. In addition, the Contractor and Government shall provide all test support equipment (i.e., repair/spare parts, manuals, maintenance/cleaning supplies, etc.) and technical assistance necessary to conduct the Government PQT/CT/PVT and Conformance Inspection (CI) until completion of all testing. Upon completion of the inspection or test by the Government, the equipment shall be returned to the Contractor.

E.22 Interchangeability Of Components.

If an end item or any component of an end item is an item or part for which the Government does not possess design control, any configuration change affecting physical or functional interchangeability made by the Contractor or any of his subcontractors shall be in accordance with the delivery order. To determine whether such configuration changes should be approved, the Government reserves the right to perform another or repeat a previous inspection or test IAW the applicable item MIL-SPEC or ATPD at contractor expense to confirm the suitability and interchangeability of the proposed item or component. Any production delivery delays resulting from such re-inspection or retest shall not be considered an "excusable delay" as set forth in the General Provision entitled "Default". In addition, such delays shall not form the basis for an upward adjustment in the contract prices or an extension of the delivery schedule.

<p>CONTINUATION SHEET</p>	<p>Reference No. of Document Being Continued</p> <p>PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p>Page 54 of 146</p> <p>REPRINT</p>
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Name of Offeror or Contractor:

E.23 Change Of Suppliers.

The Government reserves the right to direct additional tests and inspections at the Contractor's expense to verify that the new supplier product is acceptable to the Government prior to acceptance of any item which contains product from the new supplier. In addition, any production or delivery delays resulting from such additional inspections and tests shall not form the basis for an upward adjustment in contract price or an extension of the delivery schedules.

E.24 Certification/Data/Test Reports.

E.24.1 The heading or title will contain the contract number, CDRL Sequence Number, and a statement that specifically identifies the purpose and applicability of the certification/report. Each report will be classified by one or more of the following types: PQT, PVT, Conformance Inspection (CI), and Certificate of Compliance (CoC). The certification/report must contain sufficient narrative content, technical or personnel data, illustrations or photographic evidence, necessary attachments, and objective determinations by the Government to assure adequate review and determination by the designated Government functionary or acceptance point. These reports shall include the following information as applicable to the type and intended use of the report or certification, as a minimum. Supplementation to technical data and to support required compliances is encouraged. Subcontracting does not relieve the Contractor of providing the required information.

E.24.2 Report Requirements. The certification shall include the following information: (a) contract or technical specification requirement, title and date, (b) principal contractor point(s) of contact, (c) proposed objective or requested action of the Government, (d) statutory or regulatory requirement, (e) drawing numbers, (f) grade or type for which the product was tested, (g) the number of specimens/samples/examples examined or tested, (h) the actual results obtained, and converted/adjusted values obtained when applicable, and (i) copies of purchase orders for subcontracted products, if applicable.

E.24.3 Delivery Requirement. Each certification/report shall be submitted by electronic means by the contractor's authorized/designated representative or an officer of the corporation. Delivery by an authorized official is required for each submittal to the Government to the office designated on the CDRL. The Government will accept or reject the submission on a timely basis.

E.25 Recertification.

The Contractor shall provide a new report/certification whenever a change is made:

- (1) In the process to produce a certified product,
- (2) In the certified product itself (form, fit, or function),
- (3) In the supplier of a certified product,
- (4) In the legal requirement for a standard of a certified product (e.g., US Code, Federal Regulations, NATO or other international agreements, etc.).

*** END OF NARRATIVE E 001 ***

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 55 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

SECTION F - DELIVERIES OR PERFORMANCE

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
F-1	52.242-15	STOP-WORK ORDER	AUG/1989
F-2	52.242-17	GOVERNMENT DELAY OF WORK	APR/1984
F-3	52.247-29	F.O.B. ORIGIN	JUN/1988
F-4	52.247-52	CLEARANCE AND DOCUMENTATION REQUIREMENTS--SHIPMENTS TO DOD AIR OR WATER TERMINAL TRANSSHIPMENT POINTS	APR/1984
F-5	52.247-55	F.O.B. POINT FOR DELIVERY OF GOVERNMENT-FURNISHED PROPERTY	APR/1984
F-6	52.247-58	LOADING, BLOCKING, AND BRACING OF FREIGHT CAR SHIPMENTS	APR/1984
F-7	52.247-59	F.O.B. ORIGIN--CARLOAD AND TRUCKLOAD SHIPMENTS	APR/1984
F-8	52.242-4457 (TACOM)	DELIVERY SCHEDULE FOR DELIVERY ORDERS	OCT/2002

Unless we specify a different delivery schedule in an individual delivery order, the following delivery schedule applies to delivery orders under this contract:

(a) Start deliveries 30 days after approval of the First Article Test Report. Deliveries on subsequent delivery orders will start 60 days after the delivery order award date. Deliveries will continue every thirty days, if necessary, until all items are delivered.

1. You will deliver a minimum of four(4) units every 30 days, (unless agreed upon otherwise by the parties);

2. You can deliver more than the minimum number of units every thirty days if approved by the PCO in writing.

(b) Delivery is defined as follows:

1. FOB Origin - Contractor is required to deliver its shipment as provided in FAR 52.247-29(a)(1)-(4) by the time specified in the individual delivery order.

(c) Proposing an accelerated delivery schedule will not prejudice your offer. However, if you propose a delivery schedule longer than the schedule listed above, or a maximum quantity less than what is requested in Paragraph (a)(1)(ii) above, your offer may be determined unacceptable for award.

(d) CONTRACTOR'S PROPOSED SCHEDULE:

(1) I WILL START DELIVERIES _____ DAYS AFTER THE AWARD DATE; OR, IF APPLICABLE, _____ DAYS AFTER AWARD IF FIRST ARTICLE TEST IS WAIVED. DELIVERIES ON SUBSEQUENT DELIVERY ORDERS WILL START _____ DAYS AFTER DELIVERY ORDER AWARD DATE.

(2) I WILL DELIVER A QUANTITY OF _____ UNITS EVERY 30 DAYS, BUT I HAVE THE CAPABILITY TO DELIVER UP TO A MAXIMUM OF _____ UNITS EVERY 30 DAYS.

[End of Clause]

F-9	52.211-16	VARIATION IN QUANTITY	APR/1984
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(a) A variation in the quantity of any item called for by this contract will not be accepted unless the variation has been caused by conditions of loading, shipping, or packing, or allowances in manufacturing processes, and then only to the extent, if any, specified in paragraph (b) below.

(b) The permissible variation shall be limited to:

 ZERO percent increase; and
 ZERO percent decrease.

(c) This increase or decrease shall apply to THE TOTAL CONTRACTUAL QUANTITY.

[End of Clause]

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 56 of 146
	PIIN/SIIN DAAE07-03-R-T006	MOD/AMD	REPRINT

Name of Offeror or Contractor:

F-10 52.247-65 F.O.B. ORIGIN--PREPAID FREIGHT--SMALL PACKAGE SHIPMENTS JAN/1991

(a) When authorized by the Contracting Officer, f.o.b. origin freight shipments which do not have a security classification shall move on prepaid commercial bills of lading or other shipping documents to domestic destinations, including air and water terminals. Weight of individual shipments shall be governed by carrier restrictions but shall not exceed 150 pounds by any form of commercial air or 1,000 pounds by other commercial carriers. The Government will reimburse the Contractor for reasonable freight charges.

(b) The Contractor shall annotate the commercial bill of lading as required by the clause of this contract entitled Commercial Bill of Lading Notations.

(c) The Contractor shall consolidate prepaid shipments in accordance with procedures established by the cognizant transportation office. The Contractor is authorized to combine Government prepaid shipments with the Contractor's commercial shipments for delivery to one or more consignees and the Government will reimburse its pro rata share of the total freight costs. The Contractor shall provide a copy of the commercial bill of lading promptly to each consignee. Quantities shall not be divided into mailable lots for the purpose of avoiding movement by other modes of transportation.

(d) Transportation charges will be billed as a separate item on the invoice for each shipment made. A copy of the pertinent bill of lading, shipment receipt, or freight bill shall accompany the invoice unless otherwise specified in the contract.

(e) Loss and damage claims will be processed by the Government.

[End of Clause]

F-11 52.247-4005 SHIPMENT OF SUPPLIES AND DETENTION OF CARRIERS EQUIPMENT FEB/2002
(TACOM)

(a) Unless otherwise directed, shipment items under this contract in following order of priority:

- (1) Government Bill(s)/Commercial of Lading or US Postal Services;
- (2) Prepaid Commercial Bill(s) of Lading with transportation charges entered as a separate item on the invoice; or
- (3) As otherwise instructed when the contract prohibits use of Government funds for transportation costs.

(b) The Contractor will request:

- (1) Government Bills of Lading and

(2) Routing and other instructions, including MILSTAMP (Military Standard Transportation and Movement Procedure), as to the methods of shipment to be followed by the Contractor, or

(c) The Contractor and subcontractor(s) must allow prompt and convenient access of carrier's equipment to loading docks or platforms where the contract items supplies will be loaded. Any charges for detention of carrier's equipment shall be for the account of the Contractor, except when the detention is required or caused by the Government.

[End of Clause]

F-12 52.247-4017 DEPOT ADDRESS FOR THE APPLICABLE MODE OF SHIPMENTS: IN-THE-CLEAR JAN/2001
(TACOM) ADDRESSES

Rail/ Motor SPLC*	MILSTRIP Address Code	Rail Ship To:	Motor Ship To:	Parcel Post Mail To:
206721/ 209405	W25GIU	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA	Transportation Officer Defense Dist Depot Susquehanna New Cumberland, PA 17070-5001
875670/ 875675	W62G2T	Transportation Officer XU Def Dist Depot San Joaquin	Transportation Officer XU Def Dist Depot San Joaquin	Transportation Officer Dist Depot San Joaquin P O Box 96001

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 57 of 146
	PIIN/SIIN DAAE07-03-R-T006	MOD/AMD	REPRINT

Name of Offeror or Contractor:

		25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Stockton, CA 95296-0130
471995/ 471996	W31G1Z	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Anniston, AL 36201-5021
209741/ 209770	W25G1R	Transportation Officer Letterkenny Army Depot, Culbertson, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA 17201-4150
661136/ 661157	W45G19	Transportation Officer Red River Army Depot, Defense, TX	Transportation Officer Red River Army Depot, Texarkana, TX	Transportation Officer Red River Army Depot, Texarkana, TX 75507-5000
764538/ 764535	W67G23	Transportation Officer Tooele Army Depot, Warner, UT	Transportation Officer Tooele Army Depot, Tooele, UT	Transportation Officer Tooele Army Depot, Tooele, UT 84074-5003

***SPLC indicates Standard Point Locator Code.

NOTE: The following is applicable only when so specified in an individual order or delivery increment:

This requirement is a depot replenishment buy, a portion of which is or may be required to fill Direct Support System (DSS) requisitions. Shipment shall be made, as specified, to one or more of:

New Cumberland Army Depot
Red River Army Depot
Sharpe Army Depot

prior to shipments to any other depots as may be designated. When more than one depot is designated for DSS shipments, priority shipments will be made equally to each of the designated destinations.

[End of Clause]

Name of Offeror or Contractor:

SECTION G - CONTRACT ADMINISTRATION DATA

	Regulatory Cite	Title	Date
G-1	252.201-7000	CONTRACTING OFFICER'S REPRESENTATIVE	DEC/1991

(a) Definition. Contracting Officer's Representative means an individual designated in accordance with subsection 201.602-2 of the Defense Federal Acquisition Regulation Supplement and authorized in writing by the contracting officer to perform specific technical or administrative functions.

(b) If the Contracting Officer designates a contracting officer's representative (COR), the Contractor will receive a copy of the written designation. It will specify the extent of the COR's authority to act on behalf of the contracting officer. The COR is not authorized to make any commitments or changes that will affect price, quality, quantity, delivery, or any other term or condition of the contract.

[End of Clause]

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 59 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

SECTION H - SPECIAL CONTRACT REQUIREMENTS

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
H-1	52.232-16	PROGRESS PAYMENTS (ALTERNATE I dated Mar 2000)	FEB/2002
H-2	252.203-7002	DISPLAY OF DOD HOTLINE POSTER	DEC/1991
H-3	252.204-7000	DISCLOSURE OF INFORMATION	DEC/1991
H-4	252.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS	DEC/1991
H-5	252.211-7000	ACQUISITION STREAMLINING	DEC/1991
H-6	252.223-7006	PROHIBITION ON STORAGE AND DISPOSAL OF TOXIC AND HAZARDOUS MATERIALS	APR/1993
H-7	252.225-7001	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM	MAR/1998
H-8	252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS	DEC/1991
H-9	252.225-7009	DUTY-FREE-ENTRY--QUALIFYING COUNTRY SUPPLIES (END PRODUCTS AND COMPONENTS)	AUG/2000
H-10	252.225-7010	DUTY-FREE ENTRY--ADDITIONAL PROVISIONS	AUG/2000
H-11	252.227-7036	DECLARATION OF TECHNICAL DATA CONFORMITY	JAN/1997
H-12	252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA	SEP/1999
H-13	252.231-7000	SUPPLEMENTAL COST PRINCIPLES	DEC/1991
H-14	252.232-7004	DOD PROGRESS PAYMENT RATES	OCT/2001
H-15	252.246-7000	MATERIAL INSPECTION AND RECEIVING REPORT	DEC/1991
H-16	252.246-7001	WARRANTY OF DATA	DEC/1991
H-17	52.216-18	ORDERING	OCT/1995

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from the date of contract award through the last ordering period.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c) If mailed, a delivery order or task order is considered issued when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

[End of Clause]

H-18	52.216-19	ORDER LIMITATIONS	OCT/1995
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(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than -1-, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor--

(1) Any order for a single item in excess of 386.

(2) Any order for a combination of items in excess of 386.

(3) A series of orders together from the same or different ordering offices that call for quantities exceeding the limitation in subparagraph (1) or (2) above.

(c) If this is a requirements contract (i.e., includes the REQUIREMENTS clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within -5- days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

[End of Clause]

H-19	52.216-21	REQUIREMENTS	OCT/1995
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(a) This is a requirements contract for the supplies or services specified, and effective for the period stated, in the Schedule.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 60 of 146 REPRINT
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Name of Offeror or Contractor:

The quantities of supplies or services specified in the Schedule are estimates only and are not purchased by this contract. Except as this contract may otherwise provide, if the Government's requirements do not result in orders in the quantities described as estimated or maximum in the Schedule, that fact shall not constitute the basis for an equitable price adjustment.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the ORDERING clause. Subject to any limitations in the ORDER LIMITATIONS clause or elsewhere in this contract, the Contractor shall furnish to the Government all supplies or services specified in the Schedule and called for by orders issued in accordance with the ORDERING clause. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(c) Except as this contract otherwise provides, the Government shall order from the Contractor all the supplies or services specified in the Schedule that are required to be purchased by the Government activity or activities specified in the Schedule.

(d) The Government is not required to purchase from the Contractor requirements in excess of any limit on total orders under this contract.

(e) If the Government urgently requires delivery of any quantity of an item before the earliest date that delivery may be specified under this contract, and if the Contractor will not accept an order providing for the accelerated delivery, the Government may acquire the urgently required goods or services from another source.

(f) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and the Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after the last ordering period.

[End of Clause]

H-20 252.225-7043 ANTITERRORISM/FORCE PROTECTION FOR DEFENSE CONTRACTORS OUTSIDE THE JUN/1998
UNITED STATES

(a) Except as provided in paragraph (b) of this clause, the Contractor and its subcontractors, if performing or traveling outside the United States under this contract, shall-

(1) Affiliate with the Overseas Security Advisory Council, if the Contractor or subcontractor is a U.S. entity;

(2) Ensure that Contractor and subcontractor personnel who are U.S. nationals and are in-country on a non-transitory basis, register with the U.S. Embassy, and that Contractor and subcontractor personnel who are third country nationals comply with any security related requirements of the Embassy of their nationality;

(3) Provide, to Contractor and subcontractor personnel, antiterrorism/force protection awareness information commensurate with that which the Department of Defense (DoD) provides to its military and civilian personnel and their families, to the extent such information can be made available prior to travel outside the United States; and

(4) Obtain and comply with the most current antiterrorism/force protection guidance for Contractor and subcontractor personnel.

(b) The requirements of this clause do not apply to any subcontractor that is-

(1) A foreign government;

(2) A representative of a foreign government; or

(3) A foreign corporation wholly owned by a foreign government.

(c) Information and guidance pertaining to DoD antiterrorism/force protection can be obtained from HQDA (DAMO-ODL)/ODCSOP; telephone, DSN 225-8491 or commercial (703) 695-8491. For additional information: Assistant Secretary of Defense for Special Operations and Low Intensity Conflict, ASD(SOLIC); telephone, DSN 255-0044 or commercial (703) 695-0044.

[End of Clause]

H-21 252.243-7000 ENGINEERING CHANGE PROPOSALS SEP/1999

(a) The Contracting Officer may ask the Contractor to prepare engineering change proposals for engineering changes within the scope of this contract. Upon receipt of a written request from the Contracting Officer, the Contractor shall prepare and submit an engineering

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page 61 of 146</p> <p align="center">REPRINT</p>
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Name of Offeror or Contractor:

change proposal in accordance with the instructions of MIL-STD-973, in effect on the date of contract award.

(b) The Contractor may initiate engineering change proposals. Contractor initiated engineering change proposals shall include a "not to exceed" price or a "not less than" price and delivery adjustment. If the Contracting Officer orders the engineering change, the increase shall not exceed nor the decrease be less than the "not to exceed" or "not less than" amounts.

(c) When the price of the engineering change is \$500,000 or more, the Contractor shall submit-

(1) A contract pricing proposal using the format in Table 15-2, Section 15.408, of the Federal Acquisition Regulation; and

(2) At the time of agreement on price, or on another date agreed upon between the parties, a signed Certificate of Current Cost or Pricing Data.

[End of Clause]

H-22	52.204-4005	REQUIRED USE OF ELECTRONIC COMMERCE	MAY/2000
	(TACOM)		

(a) All contract awards, modifications and delivery orders issued by TACOM will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions and clauses appear "by reference," meaning only clause titles and regulation site are listed; their full texts can be found at the website <http://farsite.hill.af.mil/>

(b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) Central Contractor Registration (CCR). The CCR registration process may be done electronically at the World Wide Web (WWW) site: <http://www.ccr2000.com> . (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)

(c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate TACOM webpage:

Warren: http://contracting.tacom.army.mil/awards_official.htm
Rock Island: <http://aais.ria.army.mil/AAIS/AWDINFO/index.htm>
Picatinny: <http://procnet.pica.army.mil/Contracts/Index.htm>
Red River Army Depot: <http://www.redriver.army.mil/contracting/Awards>
Anniston Army Depot: <http://www.anadprocnet.army.mil>

(d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the American National Standards Institute (ANSI) will be used as the format for these electronic transactions.

(1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner Profile is contained in the basic CCR registration form and includes portions of the registration form which are titled "Optional".

(2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at <http://www.acq.osd.mil/ec/ecip/index.htm> . If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.

(e) Additional information can be obtained by sending a message to: acqcenweb@tacom.army.mil or by calling (586) 574-7059.

[End of Clause]

H-23	52.246-4026	LOCAL ADDRESSES FOR DD FORM 250	MAR/2002
	(TACOM)		

(a) The contractor must provide a copy of each Material Inspection and Receiving Report (DD 250) pertaining to this contract, to the addresses given below, using either of the following methods:

(1) Our first preference is for you to use electronic mail (e-mail), using the following e-mail address:

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 62 of 146 REPRINT
---------------------------	---	---

Name of Offeror or Contractor:

DD250@tacom.army.mil

(2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number:

(586) 574-7552 and use "DD250 mailbox" in the "to:" block of your fax cover or header sheet.

In either method, do not mix DD250s from more than one contract in a single transmmission. That is, you may submit multiple DD250s in a single transmission, but they must all be against the same contract.

(b) These copies meet the requirements for the Purchasing Office copy and the Army Inventory Control Manager copy listed in tables 1 and 2 of DFARS Appendix F.

(c) The DD250 form may be found, in three different formats, on the World Wide Web at <http://webl.whs.osd.mil/icdhome/DD-0999.htm>

[End of Clause]

SECTION H. SPECIAL CONTRACT REQUIREMENTS

H.24 Essentiality and Materiality of Delivery Schedule

For purposes of the payment clause of this contract, the Contractor agrees and understands that the unit delivery schedule and data delivery schedule are a material requirement of the contract. The Government may reduce or suspend payments to the Contractor in the event the Contractor becomes delinquent in deliveries of data or where it is evident that delivery will not be timely because of the Contractor's failure to make progress.

H.25 Data Responsibility

Recognizing that a visual review, by the Government, of data delivered or released under this contract may be insufficient to prove out their adequacy of intended use, the Contractor shall certify prior to contract completion that to the best of its knowledge and belief all such data are complete and conform to the data requirements of this contract. Failure of related data, made under the terms of this contract, to meet the requirements thereof shall be cause for rejection as unacceptable. Prior to final acceptance of related data by the Government, the Contractor shall submit evidence that data rejected as unacceptable have been corrected. Notwithstanding such final acceptance, the Government may require the Contractor to remedy by correction or replacement, as directed by the Contracting Officer, data deficiencies at any time during the performance of this contract, for a period of three years thereafter, in accordance with the provision of this contract entitled Warranty of Data.

H.26 Impact of Data Deliverables on Hardware

H.26.1 In the event that the scheduled contract data requirements identified in Exhibit A are not delivered in the quantities and within the time frames specified or fail to meet the requirements cited in the contract, the Government shall have the right to refuse to inspect and accept any hardware units, at no cost to the Government, until deficient delivery of said data requirements shall have been corrected by the Contractor and approved by the Government.

H.26.2 In addition, the Government reserves the right to unilaterally extend the delivery schedule of the hardware units at no cost to the Government, by a period of time equal to the delay in delivery of acceptable contract data requirements, and shall further have the right to refuse to inspect and accept hardware units in advance of the extended delivery schedule.

H.26.3 If the Contractor is receiving progress payments from the Government, the Government shall have the right to suspend the progress payments until such time that the Contractor proves to the satisfaction of the Government that his plan of corrective action to remedy the deficiencies and to meet a revised delivery schedule is achievable and, therefore, acceptable. If the Contractor cannot prove to the satisfaction of the Government that his plan of corrective action and revised delivery schedule are achievable, the progress payments shall remain suspended until the contract data requirements in question are delivered and accepted by the Government.

H.26.4 The Contractor shall have the full responsibility for maintenance and storage of all hardware units at no cost to the Government should the Contracting Officer invoke this clause.

H.27 Contractor Responsibility for AR 700-142 Material Release Support.

H.27.1 The Contractor understands that TACOM must meet the requirements of AR 700-142 and obtain formal Material Release prior to introducing a new item for use by active Army units, and that the end item required hereunder qualifies as a new item. In addition to the actual test items provided by the contractor to demonstrate operational performance, there are significant information requirements as called out in this contract that are needed to support AR 700-142 Material Release. The Contractor understands the relationship between the information requirements of the contract and the requirements for material release. A significant, critical part of the support of the material release is based on the data and information provided under this contract.

H.27.2 The Contractor understands he plays a crucial role in successful material release by providing accurate and timely data and

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 63 of 146 REPRINT
---------------------------	---	---

Name of Offeror or Contractor:

information allowing TACOM to prepare a material release package that will satisfy the detailed requirements of AR 700-142. The Contractor agrees that the Government has allowed sufficient time in the contract delivery schedule for the preparation and acceptance of the data and documents required to obtain a full material release prior to fielding the equipment.

H.27.3 The Contractor agrees and understands that his failure to deliver accurate data as required by the contract in accordance with the contract schedule causes the Army significant harm, both operationally and financially. Failure to provide the needed capability damages the Armys ability to perform its mission, and causes financial loss because of disrupted training schedules and storage costs due to inability to field.

H.27.4 The Contractor is hereby advised that failure to deliver accurate data as required by the contract in accordance with the contract schedule that is necessary for the material release process may be cause for the Government to invoke the rights and remedies in above paragraph H.3 Impact of Data Deliverables on Hardware, including refusal of acceptance of hardware end items required by this contract. The Government will assume no liability for any costs associated with such refusal. Acceptance of hardware end items may not proceed until the contractor complies with all data requirements under the contract necessary to complete a full AR 700-142 Material Release. Furthermore, any contractually authorized or other delay in delivery of data and information will be accompanied by a corresponding delay, at the Governments option, in delivery of hardware items, such that the interval between the delivery of data and information and the hardware end item is maintained as originally written.

H.27.5 Failure to deliver information and data as required hereunder, will trigger withholding under the Limitation on Withholding of Payments clause, FAR 52.232-9, in the amount of \$5,000 for each deliverable not accepted per the contract.

H.28 ADDITIONAL TRAINING - OPTION

The Contractor shall conduct classes to train tester personnel, operators and maintainers, logistics assistance representatives (LAR), engineers, quality assurance, maintenance managers, Contractor personnel working on behalf of the Government, and instructors & key personnel (I&KP). Classes shall be conducted in accordance with section C.27. The Contractor shall conduct classes at training locations specified by the Government. Training dates will be established by issuing options to production delivery orders not less than 30 days prior to the beginning of the required class. This option may be exercised in any combination for one or more classes at any location up to 12 classes per calendar year.

H.29 INTERIM CONTRACTOR SUPPORT (ICS) - OPTION

Upon exercise of this option, the Contractor shall provide ICS pursuant to Paragraph C.33. This option may be exercised during the period from award of the initial production delivery order through 120 days after the delivery of the Recommended Spare Parts List.

H.30 Test Article Refurbishment - OPTION

Upon exercise of this option, the Contractor shall refurbish the test articles used for LD, PVT and IOT&E, in accordance with Paragraph C.26.4. This option may be exercised during the period from award of the initial production order through First Article Test approval.

H.31 DISTANCE LEARNING PACKAGE - OPTION

Upon exercise of this option, the Contractor shall provide the Distance Learning Package in accordance with Paragraph C.30. This option may be exercised during the period from award of the initial production order through completion of deliveries of systems under that order.

H.32 CONTRACTOR FIELD SERVICE REPRESENTATIVE (FSR) - OPTION

Upon exercise of this option, the Contractor shall provide FSR support to the Government, in accordance with Paragraph C.31. This option may be exercised for each ordering period, from the date of award of the first delivery order within an ordering period through 180 days after.

H.33 CONTRACTOR SYSTEMS SUPPORT DURING CONTINGENCY OPERATIONS - OPTION

If at any time during the performance of this contract it is necessary to obtain the support of the contractor for contingency operations, the Government may exercise this option for support under Paragraph C.32. Upon exercise of the option, the contractor shall provide technical support as outlined in Paragraph C.31.

H.34 PHYSICAL CONFIGURATION AUDIT AND PRODUCT DRAWINGS - OPTION

Upon exercise of this option, the Contractor shall perform the required Physical Configuration Audit, and deliver a drawing package to the Government in accordance with Paragraphs C 20.3 and C.20.4. This option may be exercised upon award of the first production delivery order through FAT approval.

H.35 Technical Manuals and Shipment and Storage Instructions.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 64 of 146 REPRINT
Name of Offeror or Contractor:		

The Government will provide copies of -10 Operator Manuals and copies of Shipment and Storage Instructions to the contractor 30 days prior to shipment of units scheduled for delivery under production delivery orders.

H.36 Withholding of Payments on Data. An amount of \$5000 will be withheld from payment for SDD and for the first production delivery order and for the delivery order for Product Drawings (if option is exercised) for each data item included in those orders. The withheld payments shall be liquidated upon final delivery and acceptance of the data (whether or not a DD 250 is required for that data item).

H.37 Termination of Requirements Contract. Notwithstanding paragraph H-19, "Requirements (Oct/1995)" FAR 52.216-21, should the Camel prototypes fail Production Qualification Test (PQT), the Government shall have the right to terminate this requirements contract in accordance with paragraph I-72, "Default (Fixed-Price Research and Development, Apr/1984) FAR 52.249-9.

H.38 Low Rate Initial Production (LRIP). For the purposes of this contract, the term LRIP means the quantity to be delivered under CLIN 0002 (SubClins 0002AA and 0002AB).

*** END OF NARRATIVE H 001 ***

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 65 of 146
	PIIN/SIIN DAAE07-03-R-T006	MOD/AMD	REPRINT

Name of Offeror or Contractor:

SECTION I - CONTRACT CLAUSES

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address: <http://farsite.hill.af.mil/>

[End of Clause]

	Regulatory Cite	Title	Date
I-1	52.202-1	DEFINITIONS	DEC/2001
I-2	52.203-3	GRATUITIES	APR/1984
I-3	52.203-5	COVENANT AGAINST CONTINGENT FEES	APR/1984
I-4	52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	JUL/1995
I-5	52.203-7	ANTI-KICKBACK PROCEDURES	JUL/1995
I-6	52.203-8	CANCELLATION, RESCISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-7	52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-8	52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	JUN/1997
I-9	52.204-4	PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER	AUG/2000
I-10	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	JUL/1995
I-11	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
I-12	52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS	SEP/1990
I-13	52.215-2	AUDIT AND RECORDS - NEGOTIATIONS	JUN/1999
I-14	52.215-8	ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT	OCT/1997
I-15	52.215-11	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA--MODIFICATIONS	OCT/1997
I-16	52.215-13	SUBCONTRACTOR COST OR PRICING DATA -- MODIFICATIONS	OCT/1997
I-17	52.215-14	INTEGRITY OF UNIT PRICES	OCT/1997
I-18	52.215-15	PENSION ADJUSTMENTS AND ASSET REVERSIONS	DEC/1998
I-19	52.215-18	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS	OCT/1997
I-20	52.219-6	NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE	JUL/1996
I-21	52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS	OCT/2000
I-22	52.219-14	LIMITATIONS ON SUBCONTRACTING	DEC/1996
I-23	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB/1997
I-24	52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES	SEP/2002
I-25	52.222-20	WALSH-HEALEY PUBLIC CONTRACTS ACT	DEC/1996
I-26	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
I-27	52.222-26	EQUAL OPPORTUNITY	APR/2002
I-28	52.222-35	AFFIRMATIVE ACTION FOR DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA	DEC/2001
I-29	52.222-36	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES	JUN/1998
I-30	52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS	DEC/2001
I-31	52.223-3	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA	JAN/1997
I-32	52.223-5	POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION	APR/1998
I-33	52.223-6	DRUG FREE WORKPLACE	MAY/2001
I-34	52.223-14	TOXIC CHEMICAL RELEASE REPORTING	OCT/2000
I-35	52.225-8	DUTY-FREE ENTRY	FEB/2000
I-36	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUL/2000
I-37	52.227-1	AUTHORIZATION AND CONSENT	JUL/1995
I-38	52.227-2	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT	AUG/1996
I-39	52.229-3	FEDERAL, STATE, AND LOCAL TAXES	JAN/1991
I-40	52.229-5	TAXES--CONTRACTS PERFORMED IN U.S. POSSESSIONS OR PUERTO RICO	APR/1984
I-41	52.232-1	PAYMENTS	APR/1984
I-42	52.232-2	PAYMENTS UNDER FIXED-PRICE RESEARCH AND DEVELOPMENT CONTRACTS	APR/1984
I-43	52.232-8	DISCOUNTS FOR PROMPT PAYMENT	FEB/2002
I-44	52.232-9	LIMITATION ON WITHHOLDING OF PAYMENTS	APR/1984
I-45	52.232-11	EXTRAS	APR/1984
I-46	52.232-17	INTEREST	JUN/1996
I-47	52.232-23	ASSIGNMENT OF CLAIMS	JAN/1986
I-48	52.232-25	PROMPT PAYMENT	FEB/2002

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 66 of 146
	PIIN/SIIN DAAE07-03-R-T006	MOD/AMD	REPRINT
Name of Offeror or Contractor:			

	Regulatory Cite	Title	Date
I-49	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION	MAY/1999
I-50	52.233-1	DISPUTES	JUL/2002
I-51	52.233-3	PROTEST AFTER AWARD	AUG/1996
I-52	52.242-4	CERTIFICATION OF INDIRECT COSTS	JAN/1997
I-53	52.242-10	F.O.B. ORIGIN--GOVERNMENT BILLS OF LADING OR PREPAID POSTAGE	APR/1984
I-54	52.242-12	REPORT OF SHIPMENT (REPSHIP)	JUL/1995
I-55	52.242-13	BANKRUPTCY	JUL/1995
I-56	52.243-1	CHANGES--FIXED-PRICE	AUG/1987
I-57	52.243-7	NOTIFICATION OF CHANGES	APR/1984
I-58	52.245-2	GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS)(91-DEV-44)	DEC/1989
I-59	52.245-18	SPECIAL TEST EQUIPMENT	FEB/1993
I-60	52.245-19	GOVERNMENT PROPERTY FURNISHED AS-IS	APR/1984
I-61	52.246-23	LIMITATION OF LIABILITY	FEB/1997
I-62	52.247-1	COMMERCIAL BILL OF LADING NOTATIONS the notation set forth in paragraph (a) of the clause applies in this contract.` The agency name in line one of the notation shall read:US ARMY TANK-AUTOMOTIVE & ARMAMENTS COMMAND	APR/1984
I-63	52.248-1	VALUE ENGINEERING	FEB/2000
I-64	52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE)	SEP/1996
I-65	52.249-8	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)	APR/1984
I-66	52.249-9	DEFAULT (FIXED-PRICE RESEARCH AND DEVELOPMENT)	APR/1984
I-67	52.253-1	COMPUTER GENERATED FORMS	JAN/1991
I-68	252.203-7001	PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE CONTRACT-RELATED FELONIES	MAR/1999
I-69	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT	APR/1992
I-70	252.209-7000	ACQUISITION FROM SUBCONTRACTORS SUBJECT TO ON-SITE INSPECTION UNDER THE INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY	NOV/1995
I-71	252.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY per DoD interim rule, Federal Register 27 Mar 98	MAR/1998
I-72	252.215-7000	PRICING ADJUSTMENTS	DEC/1991
I-73	252.215-7002	COST ESTIMATING SYSTEM REQUIREMENTS	OCT/1998
I-74	252.225-7012	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES	APR/2002
I-75	252.225-7014	PREFERENCE FOR DOMESTIC SPECIALTY METALS	MAR/1998
I-76	252.225-7015	PREFERENCE FOR DOMESTIC HAND OR MEASURING TOOLS	DEC/1991
I-77	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS	DEC/2000
I-78	252.225-7025	RESTRICTION ON ACQUISITION OF FORGINGS	JUN/1997
I-79	252.225-7026	REPORTING OF CONTRACT PERFORMANCE OUTSIDE THE UNITED STATES	JUN/2000
I-80	252.225-7031	SECONDARY ARAB BOYCOTT OF ISRAEL	JUN/1992
I-81	252.226-7001	UTILIZATION OF INDIAN ORGANIZATIONS AND INDIAN-OWNED ECONOMIC ENTERPRISES	SEP/2001
I-82	252.227-7013	RIGHTS IN TECHNICAL DATA --NONCOMMERCIAL ITEMS	NOV/1995
I-83	252.227-7016	RIGHTS IN BID OR PROPOSAL INFORMATION	JUN/1995
I-84	252.227-7017	IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS	JUN/1995
I-85	252.227-7020	RIGHTS IN SPECIAL WORKS	JUN/1995
I-86	252.227-7026	DEFERRED DELIVERY OF TECHNICAL DATA OR COMPUTER SOFTWARE	APR/1988
I-87	252.227-7027	DEFERRED ORDERING OF TECHNICAL DATA OR COMPUTER SOFTWARE	APR/1988
I-88	252.227-7030	TECHNICAL DATA--WITHHOLDING OF PAYMENT	MAR/2000
I-89	252.227-7036	DECLARATION OF TECHNICAL DATA CONFORMITY	JAN/1997
I-90	252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA	SEP/1999
I-91	252.242-7000	POSTAWARD CONFERENCE	DEC/1991
I-92	252.242-7003	APPLICATION FOR U.S. GOVERNMENT SHIPPING DOCUMENTATION/INSTRUCTIONS	DEC/1991
I-93	252.243-7001	PRICING OF CONTRACT MODIFICATIONS	DEC/1991
I-94	252.244-7000	SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (DoD CONTRACTS)	MAR/2000
I-95	252.245-7001	REPORTS OF GOVERNMENT PROPERTY	MAY/1994
I-96	52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS ````(ALTERNATE III (OCT 1997))	OCT/1997

(a) Exceptions from cost or pricing data.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 67 of 146 REPRINT
Name of Offeror or Contractor:		

(1) In lieu of submitting cost or pricing data for modifications under this contract, for price adjustments expected to exceed the threshold set forth at FAR 15.403-4 on the date of the agreement on price or the date of the award, whichever is later, the Contractor may submit a written request for exception by submitting the information described in the following subparagraphs. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable--

(i) Identification of the law or regulation establishing the price offered. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(ii) Information on modifications of contracts of subcontracts for commercial items.

(A) If--

- (1) the original contract or subcontract was granted an exception from cost or pricing data requirements because the price agreed upon was based on adequate price competition, or prices set by law or regulation, or was a contract or subcontract for the acquisition of a commercial item, and
- (2) the modification (to the contract or subcontract) is not exempted based on one of these exceptions, then the Contractor may provide information to establish that the modification would not change the contract or subcontract from a contract or subcontract for the acquisition of a commercial item to a contract or subcontract for the acquisition of an item other than a commercial item.

(B) For a commercial item exception, the Contractor shall provide, at a minimum, information on prices at which the same item or similar items have previously been sold that is adequate for evaluating the reasonableness of the price of the modification. Such information may include--

- (1) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price, including how the proposed price relates to the price or recent sales in quantities similar to the proposed quantities.
- (2) For market-priced items, the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. In addition, describe the nature of the market.
- (3) For items included on an active Federal Supply Service Multiple Award Schedule contract, proof that an exception has been granted for the schedule item.
- (4) The Contractor grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this clause, and the reasonableness of price. For items priced using catalog or market prices, or law or regulation, access does not extend to cost or profit information or other data relevant solely to the Contractor's determination of the prices to be offered in the catalog or marketplace.

(b) Requirements for cost or pricing data. If the Contractor is not granted an exception from the requirement to submit cost or pricing data, the following applies:

(1) The Contractor shall submit cost or pricing data and supporting attachments in accordance with Table 15-2 of FAR 15.408.

(2) As soon as practicable after agreement on price, but before contract award (except for unpriced actions), the Contractor shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.406-2.

(c) Submit the cost portion of the proposal via the following electronic media: Delivery in MS EXCEL format. Curret version is MS 1997.

[End of Clause]

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 68 of 146 REPRINT
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Name of Offeror or Contractor:

I-97 52.223-11 OZONE-DEPLETING SUBSTANCES MAY/2001

(a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR part 82 as--

(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or

(2) Class II, including but not limited to, hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j(b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

WARNING: Contains (or manufactured with, if applicable) _____ * _____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

*The Contractor shall insert the name of the substance(s).

[End of Clause]

I-98 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS MAY/2002

(a) Definitions. As used in this clause--

(1) "Commercial item," as used in this clause, has the meaning contained in the clause at 52.202-1, Definitions.

(2) "Subcontract," as used in this clause, includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

(c)

(1) The contractor shall insert the following clauses in subcontracts for commercial items:

(i) 52.219-8, Utilization of Small Business Concerns (OCT 2000)(15U.S.C. 637(d)(2) and (3)), in all subcontracts that offer subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$500,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(ii) 52.222-26, Equal Opportunity (APR 2002)(E.O. 11246);

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212(a));

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998)(29 U.S.C. 793);

(v) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (JUN 2000)(46 U.S.C. 1241) (flow down not required for subcontracts awarded beginning May 1, 1996).

(2) While not required, the Contractor may flow down to subcontracts for commercial items a minimum number of additional clauses necessary to satisfy its contractual obligations.

(d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

[End of Clause]

I-99 52.245-17 SPECIAL TOOLING (91-DEV-44) DEC/1989

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 69 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

(a) Definition. Special tooling means jigs, dies, fixtures, molds, patterns, taps, gauges, other equipment and manufacturing aids, all components of these items, and replacement of these items that are of such a specialized nature that without substantial modification or alteration their use is limited to the development or production of particular supplies or parts thereof or performing particular services. It does not include material, special test equipment, facilities (except foundations and similar improvements necessary for installing special tooling), general or special machine tools, or similar capital items. Special tooling, for the purpose of this clause, does not include any item acquired by the Contractor before the effective date of this contract, or replacement of such items, whether or not altered or adapted for use in performing this contract, or items specifically excluded by the Schedule of this contract.

(b) Use of special tooling. The Contractor agrees to use the special tooling only in performing this contract or as otherwise approved by the Contracting Officer.

(c) Initial list of special tooling. If the Contracting Officer so requests, the Contractor shall furnish the Government an initial list of all special tooling acquired or manufactured by the Contractor for performing this contract (but see paragraph (d) for tooling that has become obsolete). The list shall specify the nomenclature, tool number, related product part number (or service performed), and unit or group cost of the special tooling. The list shall be furnished within 60 days after delivery of the first production end item under this contract unless a later date is prescribed.

(d) Changes in design. Changes in the design or specifications of the end items being produced under this contract may affect the interchangeability of end item parts. In such an event, unless otherwise agreed to by the Contracting Officer, the Contractor shall notify the Contracting Officer of any part not interchangeable with a new or superseding part. Pending disposition instructions, such usable tooling shall be retained and maintained by the Contractor.

(e) Contractor's offer to retain special tooling. The Contractor may indicate a desire to retain certain items of special tooling at the time it furnishes a list or notification pursuant to paragraphs (c), (d), or (h) of this clause. The Contractor shall furnish a written offer designating those items that it wishes to retain by specifically listing the items or by listing the particular products, parts, or services for which the items were used or designed. The offer shall be made on one of the following bases:

(1) An amount shall be offered for retention of the items free of any Government interest. This amount should ordinarily not be less than the current fair value of the items, considering, among other things, the value of the items to the Contractor for use in future work.

(2) Retention may be requested for a limited period of time and under terms as may be agreed to by the Government and the Contractor. This temporary retention is subject to final disposition pursuant to paragraph (i) of this clause.

(f) Property control records. The Contractor shall maintain adequate property control records of all special tooling in accordance with its normal industrial practice. The records shall be made available for Government inspection at all reasonable times. To the extent practicable, the Contractor shall identify all special tooling subject to this clause with an appropriate stamp, tag, or other mark.

(g) Maintenance. The Contractor shall take all reasonable steps necessary to maintain the identity and existing condition of usable items of special tooling from the date such items are no longer needed by the Contractor until final disposition under paragraph (i) of this clause. These maintenance requirements do not apply to those items designated by the Contracting Officer for disposal as scrap or identified as of no further interest to the Government under subparagraph (i)(4) of this clause. The Contractor is not required to keep unneeded items of special tooling in place.

(h) Final list of special tooling. When all or a substantial part of the work under this contract is completed or terminated, the Contractor shall furnish the Contracting Officer a final list of special tooling with the same information as required for the initial list under paragraph (c) of this clause. The final list shall include all items not previously reported under paragraph (c). The Contracting Officer may provide a written waiver of this requirement or grant an extension. The requirement may be extended until the completion of this contract together with the completion of other contracts and subcontracts authorizing the use of the special tooling under paragraph (b) of this clause. Special tooling that has become obsolete as a result of changes in design or specification need not be reported except as provided for in paragraph (d).

(i) Disposition instructions. The Contracting Officer shall provide the Contractor with disposition instructions for special tooling identified in a list or notice submitted under paragraphs (c), (d), or (h) of this clause. The instructions shall be provided within 90 days of receipt of the list or notice, unless the period is extended by mutual agreement. The Contracting Officer may direct disposition by any of the methods listed in subparagraphs (1) through (4) of this paragraph, or a combination of such methods. Any failure of the Contracting Officer to provide specific instructions within the 90-day period shall be construed as direction under subparagraph (i)(3).

(1) The Contracting Officer shall give the Contractor a list specifying the products, parts, or services for which the Government may require special tooling and request the Contractor to transfer title (to the extent not previously transferred under any other clause of this contract) and deliver to the Government all usable items of special tooling that were designed for or used in the production or performance of such products, parts, or services and that were on hand when such production or performance ceased.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 70 of 146 REPRINT
Name of Offeror or Contractor:		

(2) The Contracting Officer may accept or reject any offer made by the Contractor under paragraph (e) of this clause to retain items of special tooling or may request further negotiation of the offer. The Contractor agrees to enter into the negotiations in good faith. The net proceeds from the Contracting Officer's acceptance of the Contractor's retention offer shall either be deducted from amounts due the Contractor under this contract or shall be otherwise paid to the Government as directed by the Contracting Officer.

(3) The Contracting Officer may direct the Contractor to sell, or dispose of as scrap, for the account of the Government, any special tooling reported by the Contractor under this clause. The net proceeds of all sales shall either be deducted from amounts due the Contractor under this contract or shall be otherwise paid to the Government as directed by the Contracting Officer. To the extent that the Contractor incurs any costs occasioned by compliance with such directions, for which it is not otherwise compensated, the contract price shall be equitably adjusted in accordance with the Changes clause of this contract.

(4) The Contracting Officer may furnish the Contractor with a statement disclaiming further Government interest or rights in any of the special tooling listed.

(j) Storage or shipment. The Contractor shall promptly transfer to the Government title to the special tooling specified by the Contracting Officer and arrange for either the shipment or the storage of such tooling in accordance with the final disposition instructions in subparagraph (i)(1) of this clause. Tooling to be shipped shall be properly packaged, packed, and marked in accordance with the directions of the Contracting Officer. Tooling to be stored shall be stored pursuant to a storage agreement between the Government and the Contractor, and as directed by the Contracting Officer. Tooling shipped or stored shall be accompanied by operation sheets or other appropriate data necessary to show the manufacturing operations or processes for which the items were used or designed. To the extent that the Contractor incurs costs for authorized storage or shipment under this paragraph and not otherwise compensated for, the contract price shall be equitably adjusted in accordance with the Changes clause of this contract.

(k) Subcontract provisions. In order to perform this contract, the Contractor may place subcontracts (including purchase orders) involving the use of special tooling. If the full cost of the tooling is charged to those subcontracts, the Contractor agrees to include in the subcontracts appropriate provisions to obtain Government rights comparable to the rights of the Government under this clause (unless the Contractor and the Contracting Officer agree that such rights are not of substantial interest to the Government). The Contractor agrees to exercise such rights for the benefit of the Government as directed by the Contracting Officer.

[End of Clause]

I-100 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES APR/1984

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the date of the clause.

(b) The use in this solicitation or contract of any DoD FAR Supplement (DFARS) (48 CFR 2) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

[End of Clause]

I-101 252.204-7004 REQUIRED CENTRAL CONTRACTOR REGISTRATION MAR/2000

(a) Definitions. As used in this clause--

(1) Central Contractor Registration (CCR) database means the primary DoD repository for contractor information required for the conduct of business with DoD.

(2) Data Universal Numbering System (DUNS) number means the 9-digit number assigned by Dun and Bradstreet Information Services to identify unique business entities.

(3) Data Universal Numbering System +4 (DUNS+4) number means the DUNS number assigned by Dun and Bradstreet plus a 4-digit suffix that may be assigned by a parent (controlling) business concern. This 4-digit suffix may be assigned at the discretion of the parent business concern for such purposes as identifying subunits or affiliates of the parent business concern.

(4) Registered in the CCR database means that all mandatory information, including the DUNS number or the DUNS+4 number, if applicable, and the corresponding Commercial and Government Entity (CAGE) code, is in the CCR database; the DUNS number and the CAGE code have been validated; and all edits have been successfully completed.

(b)

(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee must be registered in the

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page 71 of 146</p> <p align="center">REPRINT</p>
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Name of Offeror or Contractor:

CCR database prior to award, during performance, and through final payment of any contract resulting from this solicitation, except for awards to foreign vendors for work to be performed outside the United States.

(2) The offeror shall provide its DUNS or, if applicable, its DUNS+4 number with its offer, which will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.

(3) Lack of registration in the CCR database will make an offeror ineligible for award.

(4) DoD has established a goal of registering an applicant in the CCR database within 48 hours after receipt of a complete and accurate application via the Internet. However, registration of an applicant submitting an application through a method other than the Internet may take up to 30 days. Therefore, offerors that are not registered should consider applying for registration immediately upon receipt of this solicitation.

(c) The Contractor is responsible for the accuracy and completeness of the data within the CCR, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to confirm on an annual basis that its information in the CCR database is accurate and complete.

(d) Offerors and contractors may obtain information on registration and annual confirmation requirements by calling 1-888-227-2423, or via the Internet at <http://www.ccr.gov>.

[End of Clause]

I-102 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA MAY/2002

(a) Definitions. As used in this clause--

(1) Components means articles, materials, and supplies incorporated directly into end products at any level of manufacture, fabrication, or assembly by the Contractor or any subcontractor.

(2) Department of Defense (DoD) means the Army, Navy, Air Force, Marine Corps, and defense agencies.

(3) Foreign flag vessel means any vessel that is not a U.S.-flag vessel.

(4) Ocean transportation means any transportation aboard a ship, vessel, boat, barge, or ferry through international waters.

(5) Subcontractor means a supplier, materialman, distributor, or vendor at any level below the prime contractor whose contractual obligation to perform results from, or is conditioned upon, award of the prime contract and who is performing any part of the work or other requirement of the prime contract. However, effective May 1, 1996, the term does not include a supplier, materialman, distributor, or vendor of commercial items or commercial components.

(6) Supplies means all property, except land and interests in land, that is clearly identifiable for eventual use by or owned by the DoD at the time of transportation by sea.

(i) An item is clearly identifiable for eventual use by the DoD if, for example, the contract documentation contains a reference to a DoD contract number or a military destination.

(ii) Supplies includes (but is not limited to) public works; buildings and facilities; ships; floating equipment and vessels of every character, type, and description, with parts, subassemblies, accessories, and equipment; machine tools; material; equipment; stores of all kinds; end items; construction materials; and components of the foregoing.

(7) U.S.-flag vessel means a vessel of the United States or belonging to the United States, including any vessel registered or having national status under the laws of the United States.

(b)

(1) The Contractor shall use U.S.-flag vessels when transporting any supplies by sea under this contract.

(2) A subcontractor transporting supplies by sea under this contract shall use U.S.-flag vessels if-

(i) This contract is a construction contract; or

(ii) The supplies being transported are-

<p>CONTINUATION SHEET</p>	<p>Reference No. of Document Being Continued</p> <p>PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p>Page 72 of 146</p> <p>REPRINT</p>
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Name of Offeror or Contractor:

(A) Noncommercial items; or

(B) Commercial items that-

(1) The Contractor is reselling or distributing to the Government without adding value (generally, the Contractor does not add value to items that it subcontracts for f.o.b. destination shipment);

(2) Are shipped in direct support of U.S. military contingency operations, exercises, or forces deployed in humanitarian or peacekeeping operations; or

(3) Are commissary or exchange cargoes transported outside of the Defense Transportation System in accordance with 10 U.S.C. 2643.

(c) The Contractor and its subcontractors may request that the Contracting Officer authorize shipment in foreign-flag vessels, or designate available U.S.-flag vessels, if the Contractor or a subcontractor believes that--

(1) U.S.-flag vessels are not available for timely shipment;

(2) The freight charges are inordinately excessive or unreasonable; or

(3) Freight charges are higher than charges to private persons for transportation of like goods.

(d) The Contractor must submit any request for use of other than U.S.-flag vessels in writing to the Contracting Officer at least 45 days prior to the sailing date necessary to meet its delivery schedules. The Contracting Officer will process requests submitted after such date(s) as expeditiously as possible, but the Contracting Officer's failure to grant approvals to meet the shipper's sailing date will not of itself constitute a compensable delay under this or any other clause of this contract. Requests shall contain at a minimum--

(1) Type, weight, and cube of cargo;

(2) Required shipping date;

(3) Special handling and discharge requirements;

(4) Loading and discharge points;

(5) Name of shipper and consignee;

(6) Prime contract number; and

(7) A documented description of efforts made to secure U.S.-flag vessels, including points of contact (with names and telephone numbers) with at least two U.S.-flag carriers contacted. Copies of telephone notes, telegraphic and facsimile message or letters will be sufficient for this purpose.

(e) The Contractor shall, within 30 days after each shipment covered by this clause, provide the Contracting Officer and the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590, one copy of the rated on board vessel operating carrier's ocean bill of lading, which shall contain the following information--

(1) Prime contract number;

(2) Name of vessel;

(3) Vessel flag of registry;

(4) Date of loading;

(5) Port of loading;

(6) Port of final discharge;

(7) Description of commodity;

(8) Gross weight in pounds and cubic feet if available;

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 73 of 146 REPRINT
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Name of Offeror or Contractor:

(9) Total ocean freight in U.S. dollars; and

(10) Name of the steamship company.

(f) The Contractor shall provide with its final invoice under this contract a representation that to the best of its knowledge and belief--

(1) No ocean transportation was used in the performance of this contract;

(2) Ocean transportation was used and only U.S.-flag vessels were used for all ocean shipments under the contract;

(3) Ocean transportation was used, and the Contractor had the written consent of the Contracting Officer for all non-U.S.-flag ocean transportation; or

(4) Ocean transportation was used and some or all of the shipments were made on non-U.S.-flag vessels without the written consent of the Contracting Officer. The Contractor shall describe these shipments in the following format:

ITEM DESCRIPTION	CONTRACT LINE ITEMS	QUANTITY	TOTAL
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(g) If the final invoice does not include the required representation, the Government will reject and return it to the Contractor as an improper invoice for the purposes of the Prompt Payment clause of this contract. In the event there has been unauthorized use of non-U.S.-flag vessels in the performance of this contract, the Contracting Officer is entitled to equitably adjust the contract, based on the unauthorized use.

(h) In the award of subcontracts for the types of supplies described in paragraph (b)(2) of this clause, the Contractor shall flow down the requirements of this clause as follows:

(1) The Contractor shall insert the substance of this clause, including this paragraph (h) in all subcontracts that exceed the simplified acquisition threshold in Part 2 of the Federal Acquisition Regulation.

(2) The Contractor shall insert the substance of paragraphs (a) through (e) of this clause, and this paragraph (h), in subcontracts that are at or below the simplified acquisition threshold in Part 2 of the Federal Acquisition Regulation.

[End of Clause]

I-103	252.248-7000	PREPARATION OF VALUE ENGINEERING CHANGE PROPOSALS	MAY/1994
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Prepare Value Engineering Change Proposals, for submission pursuant to the VALUE ENGINEERING clause of this contract, in the format prescribed by the version of MIL-STD-973 in effect on the date of contract award.

[End of Clause]

I-104	52.204-4009 (TACOM)	MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION	JUN/1999
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(a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the "Electronic Quotations/Offers/Bids Required in Response to this Request for Quotations/Proposals/Bids" clause elsewhere in this document. (See Section K for commercial acquisitions, Section L for RFPs, and Section I for RFQs.)

(b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.

(c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).

(d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.

(e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 74 of 146
	PIIN/SIIN DAAE07-03-R-T006	MOD/AMD	REPRINT

Name of Offeror or Contractor:

shall be transmitted electronically.

[End of Clause]

I-105 52.252-2 CLAUSES INCORPORATED BY REFERENCE FEB/1998

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address: <http://farsite.hill.af.mil/>

[End of Clause]

*** END OF NARRATIVE I 001 ***

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 75 of 146 REPRINT
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Name of Offeror or Contractor:

SECTION J - LIST OF ATTACHMENTS

<u>List of Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number of Pages</u>	<u>Transmitted By</u>
Attachment 001	ATPD 2314		055	DATA
Attachment 002	TRANSPORTABILITY		010	DATA
Attachment 003	DDD - ECP		009	DATA
Attachment 004	DDD - RFD		011	DATA
Attachment 005	DDD - NOR		002	DATA
Attachment 006	MIL-DTL-31000B		001	DATA
Attachment 007	CAMEL TM CONTENT		001	DATA
Attachment 008	LMI PROVISIONING		005	DATA
Attachment 009	LMI PACKAGING		002	DATA
Attachment 010	LMI PACKAGING		002	DATA
Attachment 011	DI - ILSS -80872(T)		003	DATA
Attachment 012	GOV'T FURNISHED MAT., PROP., AND EQUIP.		001	DATA
Attachment 013	CAMEL FDSC		011	DATA
Attachment 014	DI - ILSS - 80868(T)		004	DATA
Attachment 015	DI - MGMT - 80227		002	DATA
Attachment 016	DI - MISC - 80711A		001	DATA
Attachment 017	FACAR		004	DATA
Attachment 018	TACOM DRAWING INSTRUCTIONS		023	DATA
Attachment 019	ATTACHMENT A - LOGISTICS OR TESTSING ITEMS (FORMAT FOR COST INFORMATION)		001	DATA
Attachment 020	ATTACHMENT B - TRAINING (FORMAT FOR SUBMISSION OF COST INFORMATION)		001	DATA
Attachment 021	ATTACHMENT C - DADS DATA SHEET		001	DATA
Courier 10	Courier 10			

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 76 of 146 REPRINT
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Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:UNIT WATER POD	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.A001

2. TITLE OF DATA ITEM:Contractor's Progress, Status and Management Report

3. SUBTITLE:

4. AUTHORITY:DI-MGMT-80227(T)

5. CONTRACT REFERENCE:C.6.2, C.7.3, C.7.4, C.15

6. REQUIRING OFFICE:AMSTA-TR/210

7. DD 250 REQ:LT

8. APP CODE:

9. DIST. STATEMENT REQUIRED:

10. FREQUENCY:ASREQ

11. AS OF DATE:

12. DATE OF FIRST SUBMISSION:SEE BLK 16

13. DATE OF SUBS. SUB: SEE BLK 16

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT	/	FINAL
AMSTA-TR/210		1		1
15. TOTAL:		1		1

16. REMARKS:

Initial report delivered 30 days after Contract Award at the Start of Work Meeting.

Updated report submitted every 30 days through duration of contract.

Draft results of trailer interface and capability analysis (C.15) due upon completion of PDR. Final results of trailer interface and capability analysis (C.15) due upon completion of CDR.

Final report due NLT 30 days after award of initial production delivery order.

DID is tailored as follows:

Para. 10.2, Format: Remove first sentence "This report shall be typewritten on standard size (e.g. 8 1/2" by 11") white paper, and securely stapled."

G. PREPARED BY: C Bensch	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

DD FORM 1423-E, MAY 99

PAGE___ OF ___

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM: Camel	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO. A002		
2. TITLE OF DATA ITEM: Safety Assessment Report		
3. SUBTITLE:		
4. AUTHORITY: DI-SAFT-80102B	5. CONTRACT REFERENCE: C.7.1.2	6. REQUIRING OFFICE: AMSTA-CS-CZ
7. DD 250 REQ:LT	8. APP CODE: A	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: ONE/R	11. AS OF DATE: See Blk 16	
12. DATE OF FIRST SUBMISSION: See Blk 16	13. DATE OF SUBS. SUB: See Blk 16	

14. DISTRIBUTION/ A. ADDRESSEES AMSTA-CS-CZ	B. COPIES	DRAFT / FINAL
		1 1
15. TOTAL:		1 1

16. REMARKS:
Draft delivered at Critical Design Review.
Government to review and provide comments 30 days after receipt of draft.
Final SAR delivered NLT 30 days after Government Review.
Government approval after 15 day review period.
Update SAR 30 days after award of initial Production Delivery Order (LRIP).
Update as necessary for subsequent submittals.

Repro copy = electronic delivery to email: Adamsali@TACOM.army.mil

G. PREPARED BY:Alicia Adams-Craig	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:UNIT WATER POD	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.A003		
2. TITLE OF DATA ITEM:Transportability Rport		
3. SUBTITLE:		
4. AUTHORITY:DI-PACK-80880B(T)	5. CONTRACT REFERENCE:C.9.1	6. REQUIRING OFFICE:AMSTA-TR/210
7. DD 250 REQ:LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY:ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
AMSTA-TR/210		See BLK 16
	15. TOTAL:	See BLK 16

16. REMARKS:
Draft delivered not later than 150 days after the Critical Design Review.

Government to review and provide comments 30 days after receipt of draft.

Updated report delivered NLT 30 days after completion of Government PQT testing. If there are no changes to initial report, letter stating there are no changes to the transportability characteristics.

2nd updated report delivered concurrent with delivery of PVT units. If there are no changes to post-PQT report, letter stating there are no changes to the transportability characteristics.

Final report delivered NLT 30 days after completion of Government PVT testing. If there are no changes to initial report, letter stating there are no changes to the transportability characteristics.

Requirements paragraph (8)(b), (8)(b)1, (8)(b)2, (8)(e), (8)(h)1, (8)(h)2, (8)(h)4, (8)(h)5, (8)(h)6, (8)(h)7, (8)(h)8, (8)(h)9, and (8)(k) are removed in their entirety.

The following elements of figure 1 are removed: PW, PH, PL, WB, FOH, ROH, GCL, a, F, PWL, PHL, FO, RO, GC, RTS, b, and "Rear" from element r.

See Attachment 2 (Transportability Report)

G. PREPARED BY: C Bensch	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 79 of 146
	PIIN/SIIN DAAE07-03-R-T006	MOD/AMD	REPRINT

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM: Camel	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.A004		
2. TITLE OF DATA ITEM: Quality Deficiency Report		
3. SUBTITLE:		
4. AUTHORITY: DI- QCIC-80736	5. CONTRACT REFERENCE: C.11.2, C.29.2	6. REQUIRING OFFICE: SF AE-CSS-FP-P (Quality)
7. DD 250 REQ:LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: ASREQ	11. AS OF DATE: See Blk 16	
12. DATE OF FIRST SUBMISSION: See Blk 16	13. DATE OF SUBS. SUB: See Blk 16	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
SFAE-CSS-FP-P	0	2
DCMA Quality Assurance Representative (QAR)	0	1
AMSTA-LC-CJAP	0	1
15. TOTAL:	0	4

16. REMARKS: Submittal through the ACO to the PCO by the contractor within 15 days of receipt of non-conforming or defective material.

G. PREPARED BY: Doley Nicholson	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LISTForm Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:

B. EXHIBIT:

C. CATEGORY:

D. SYSTEM/ITEM:UNIT WATER POD

E. CONTRACT/PR NO.:

F. CONTRACTOR:

1. DATA ITEM NO.A005

2. TITLE OF DATA ITEM:System Support Package Component List (SSPCL)

3. SUBTITLE:

4. AUTHORITY:DI-ILSS-80532

5. CONTRACT REFERENCE:C.11.3.3, C.26.3.1

6. REQUIRING OFFICE:AMSTA-TR/210

7. DD 250 REQ:LT

8. APP CODE:

9. DIST. STATEMENT REQUIRED:

10. FREQUENCY ASREQ

11. AS OF DATE:

12. DATE OF FIRST SUBMISSION:

13. DATE OF SUBS. SUB:

14. DISTRIBUTION/ A. ADDRESSEES

B. COPIES DRAFT / FINAL

AMSTA-TR/210

1

SFAE-CSS-FP-P

1

15. TOTAL:2

16. REMARKS:

For SDD: Draft due not later than 30 days after the Critical Design Review.
Government review and comment to be completed not later than 15 days after draft receipt.
Final due not later than 30 days after completion of government review and comment.

For Production: Draft due not later than the first provisioning conference.
Government review and comment to be completed not later than 15 days after draft receipt.
Final due not later than 30 days after completion of government review.

G. PREPARED BY: C Bensch

I. APPROVED BY:Pandu Rao

H. DATE:

J. DATE:30 Oct 02

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 81 of 146 REPRINT
Name of Offeror or Contractor:		
CONTRACT DATA REQUIREMENTS LIST Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.		
A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:	E. CONTRACT/PR NO.:	F. CONTRACTOR:
1. DATA ITEM NO. A006		
2. TITLE OF DATA ITEM: Failure Analysis and Corrective Action Report		
3. SUBTITLE:		
4. AUTHORITY:DI-RELI-81315 5. CONTRACT REFERENCE: C.12.3, C.12.5, C.12.6, C.26.1.1, C.26.1.2, C.33		
6. REQUIRING OFFICE: SFAE-CSS-FP-P (Quality)		
7. DD 250 REQ:LT 8. APP CODE: 9. DIST. STATEMENT REQUIRED:		
10. FREQUENCY: ASREQ 11. AS OF DATE: See Blk 16		
12. DATE OF FIRST SUBMISSION: See Blk 16 13. DATE OF SUBS. SUB: See Blk 16		
14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
SFAE-CSS-FP-P		2 2
Government Test Site		1 1
DCMA Quality Assurance Representative (QAR)		1 1
15. TOTAL:		4 4
16. REMARKS: Submit as required by contract references.		
G. PREPARED BY:Doley Nicholson I. APPROVED BY:Pandu Rao		
H. DATE: J. DATE:30 Oct 02		
DD FORM 1423-E, MAY 99 PAGE__ OF __		

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 82 of 146 REPRINT
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Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO. A007	
2. TITLE OF DATA ITEM:Final Scientific and Technical Report	
3. SUBTITLE:	
4. AUTHORITY: DI-MISC-80711A	5. CONTRACT REFERENCE: C.7.3, C.7.4, C.7.5, C.8.4, C.14 C.15, C.16
6. REQUIRING OFFICE: AMSTA-TR-D-210	
7. DD 250 REQ:LT	8. APP CODE:
10. FREQUENCY: ASREQ	11. AS OF DATE: See Blk 16
12. DATE OF FIRST SUBMISSION: See Blk 16	13. DATE OF SUBS. SUB: See Blk 16

14. DISTRIBUTION/ A. ADDRESSEES AMSTA-TR-D-210	B. COPIES DRAFT / FINAL
	1 1
15. TOTAL:	1 1

16. REMARKS: Deliver draft not later than 60 days after completion of PQT and CT.
Draft final not later than 30 days after SVR.
Updates of FSTR during production phase as necessary, to reflect update to any analysis under C.7.and C.8.

Paragraph 10.2 is removed in its entirety.

G. PREPARED BY:Chris Bensch	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 OCT 02

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 83 of 146 REPRINT
Name of Offeror or Contractor:		
CONTRACT DATA REQUIREMENTS LIST Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.		
A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:UNIT WATER POD	E. CONTRACT/PR NO.:	F. CONTRACTOR:
1. DATA ITEM NO.A008		
2. TITLE OF DATA ITEM:Physical Configuration Audit Summary Rport		
3. SUBTITLE:		
4. AUTHORITY:DI-CMAN-81022C	5. CONTRACT REFERENCE:C.20.3	6. REQUIRING OFFICE:AMSTA-TR/210
7. DD 250 REQ:LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY:ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	
14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
AMSTA-TR/210		1
SFAE-CSS-FP-P		1
	15. TOTAL:	2
16. REMARKS: Initial draft report due 60 days after completion of the Physical Configuration Audit. The Government will then have 30 days to review and provide comments. Submit final report 30 days after receipt of Government comments.		
G. PREPARED BY: C Bensch	I. APPROVED BY:Pandu Rao	
H. DATE:	J. DATE:30 Oct 02	
DD FORM 1423-E, MAY 99		PAGE___ OF ___

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 84 of 146 REPRINT
Name of Offeror or Contractor:		
CONTRACT DATA REQUIREMENTS LIST Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.		
A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:UNIT WATER POD	E. CONTRACT/PR NO.:	F. CONTRACTOR:
1. DATA ITEM NO.A009		
2. TITLE OF DATA ITEM:Engineering Change Proposal		
3. SUBTITLE:		
4. AUTHORITY:DI-CMAN-80639C	5. CONTRACT REFERENCE:C.20.1.2	6. REQUIRING OFFICE:AMSTA-TR/210
7. DD 250 REQ:LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:	13. DATE OF SUBS. SUB:	
14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
AMSTA-TR/210	0	1
SFAE-CSS-FP-P	0	1
15. TOTAL:	0	2
16. REMARKS: Submit in accordance with all changes to form, fit and function which occur after the establishment of the production baseline, and which are considered permanent in nature. Use contract Attachment 3 to prepare ECPs.		
G. PREPARED BY: C Bensch	I. APPROVED BY:Pandu Rao	
H. DATE:	J. DATE:30 Oct 02	
DD FORM 1423-E, MAY 99	PAGE___ OF ___	

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:UNIT WATER POD	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.A00A		
2. TITLE OF DATA ITEM:Request For Deviations		
3. SUBTITLE:		
4. AUTHORITY:DI-CMAN-80640C	5. CONTRACT REFERENCE:C.20.1.3	6. REQUIRING OFFICE:AMSTA-TR/210
7. DD 250 REQ:LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:	13. DATE OF SUBS. SUB:	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
AMSTA-TR/210		0 1
SFAE-CSS-FP-P		0 1
15. TOTAL:		0 2

16. REMARKS: Submit in accordance with all changes to form fit and function which occur after the establishment of the production baseline, and which are considered temporary in nature.

Use contract Attachment 4 to prepare the RFD.

G. PREPARED BY: C Bensch	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:UNIT WATER POD	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.A00B		
2. TITLE OF DATA ITEM:Notice Of Revisions		
3. SUBTITLE:		
4. AUTHORITY:DI-CMAN-80642C	5. CONTRACT REFERENCE:C.20.1.4	6. REQUIRING OFFICE:AMSTA-TR/210
7. DD 250 REQ:LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:	13. DATE OF SUBS. SUB:	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
AMSTA-TR/210		0 1
SFAE-CSS-FP-P		0 1
	15. TOTAL:	0 2

16. REMARKS: Submit as required in conjunction with ECPs. Use contract Attachment 5 to prepare NORs.

G. PREPARED BY: C Bensch	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 87 of 146 REPRINT
Name of Offeror or Contractor:		
CONTRACT DATA REQUIREMENTS LIST Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.		
A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:UNIT WATER POD	E. CONTRACT/PR NO.:	F. CONTRACTOR:
1. DATA ITEM NO.A00C		
2. TITLE OF DATA ITEM:Configuration Status Accounting		
3. SUBTITLE:		
4. AUTHORITY:DI-CMAN-81253A	5. CONTRACT REFERENCE:C.20.2	6. REQUIRING OFFICE:AMSTA-TR/210
7. DD 250 REQ:LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:	13. DATE OF SUBS. SUB:	
14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
AMSTA-TR/210		0 1
SFAE-CSS-FP-P		0 1
	15. TOTAL:	0 2
16. REMARKS: CSA database shall be electronically delivered to the Government at the completion of the production phase of the contract.		
G. PREPARED BY: C Bensch		
H. DATE:		
I. APPROVED BY:Pandu Rao		
J. DATE:30 Oct 02		
DD FORM 1423-E, MAY 99		
PAGE__ OF __		

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:UNIT WATER POD	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.A00D		
2. TITLE OF DATA ITEM:Product Drawings and Associated Lists		
3. SUBTITLE:		
4. AUTHORITY:DI-SESS-81000B	5. CONTRACT REFERENCE:C.20.4	6. REQUIRING OFFICE:AMSTA-TR/210
7. DD 250 REQ:DD	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION: SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
AMSTA-TR/210		1
	15. TOTAL:	1

16. REMARKS:
Submit updated draft drawings electronically with the PCA draft report. The Government will then have 30 days to review and provide comments. Submit a set of configuration drawings that reflect the current production baseline with the PCA final report.

Submit a final set of configuration drawings that reflect the current production baseline (including all approved corrective actions and engineering changes) upon completion of the production phase of this contract.

See contract Attachment 6 Product Drawings and Associated Lists

G. PREPARED BY: C Bensch	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 89 of 146 REPRINT
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Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM: Camel	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.	A00E
2. TITLE OF DATA ITEM:	Technical Manuals
3. SUBTITLE:	TM 10-5430-xxx-10
4. AUTHORITY:	MIL-STD-40051A
5. CONTRACT REFERENCE	C.21.2.1 6. REQUIRING OFFICE:AMSTA-LC-CJA
7. DD 250 REQ:	DD250 8. APP CODE:
9. DIST. STATEMENT REQUIRED:	
10. FREQUENCY:	SEE Blk 16 11. AS OF DATE:
12. DATE OF FIRST SUBMISSION:	SEE BLK 16 13. DATE OF SUBS. SUB: SEE BLK 16

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
*SFAE-CSS-FP-P		
AMSTA-LC-CJAP		3**
AMSTA-LC-CJAP		4***
AMSTA-LC-CJAP		5**** / 1
15. TOTAL:	12 /	1

16. Remarks: TM 10-5430-xxx-10
** Preliminary Draft Equipment Pub (PDEP) (-10 Operator Manual) due concurrent with delivery of PVT and LD units at the test site (3 hard copies).
*** Draft Equip Pub (DEP(-10 Op manual)) 30 days after approval of FAT. (4 copies)
**** Final Draft Equip Pub (FDEP (-10 paper)) 60 days after approval of DEP. (5 draft and 2 repro copies)

BLK 14: All deliveries will be:
Postage prepaid to: TACOM, AMSTA-LC-CJAP, Warren, MI 48397-5000, Mailstop 111

DEP delivery shall be one (1) reproducible hardcopy and acrobat (.pdf) file
FDEP (Camera Ready) delivery shall consist of the following:
--one reproducible hardcopy with running sheets and folio markings
--Word processing file (MS Word or equivalent) with illustrations
--Acrobat (.pdf) file
Digital files shall be delivered on ISO 9660 CD-ROM as follows:
2ea CD-ROM containing acrobat (.pdf) file
2ea CD-ROM containing word processing and illustration files
email: nebelm@tacom.army.mil

*Electronic letter of transmittal only to SFAE-CSS-FP-P

G. PREPARED BY: MeLeah Nebel	I. APPROVED BY:Pandu Rao
H. DATE: 17 May 2002	J. DATE: 30 oct 02

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM: Camel	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.	A00F
2. TITLE OF DATA ITEM:	Technical Manuals
3. SUBTITLE:	TM 10-5430-xxx-14&P
4. AUTHORITY:	MIL-STD-40051A
5. CONTRACT REFERENCE	C.21.2.1.1
6. REQUIRING OFFICE:	AMSTA-LC-CJAP
7. DD 250 REQ:	DD250
8. APP CODE:	
9. DIST. STATEMENT REQUIRED:	
10. FREQUENCY:	SEE Blk 16
11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:	SEE BLK 16
13. DATE OF SUBS. SUB:	SEE BLK 16

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
* SFAE-CSS-FP-P		
AMSTA-LC-CJAP		2**
AMSTA-LC-CJAP		2***
AMSTA-LC-CJAP		2**** / 1
15. TOTAL:	6	/ 1

16. Remarks: TM 10-5430-xxx-14&P

** Preliminary Draft Equipment Pub (PDEP) (-14&P Maint & Parts manual) due concurrent with delivery of PVT and LD units at test site (3 hard copies).

*** Draft Equip Pub (DEP(-14&P Maint & Parts manual) 30 days after approval of FAT. (4 copies)

**** Final Draft Equip Pub (FDEP (-14&P Maint & Parts manual)) 60 days after approval of DEP. (5 draft and 2 repro copies)

BLK 14: All deliveries will be:

Postage prepaid to: TACOM, AMSTA-LC-CJAP, Warren, MI 48397-5000, Mailstop 111

complete editable source file(s) for the ETM

All digital files and ETM are to be delivered on ISO 9660 CD-ROM

email: nebelm@tacom.army.mil

*Electronic letter of transmittal only to SFAE-CSS-FP-P

G. PREPARED BY: MeLeah Nebel	I. APPROVED BY:Pandu Rao
H. DATE: 17 May 2002	J. DATE:30 Oct 02

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 91 of 146 REPRINT
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Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:CAMEL	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.	A00G	
2. TITLE OF DATA ITEM:	Logistics Management Information (LMI) Data Products	
3. SUBTITLE:	Provisioning Parts List (PPL)	
4. AUTHORITY:DI-ALSS-81529.	5. CONTRACT REFERENCE:C.22.1.1	6.REQUIRING OFFICE:AMSTA-LC-CJA
7. DD 250 REQ: DD250	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
* SFAE-CSS-FP-P		
AMSTA-LC-CJA		1/ 1
		15. TOTAL:1/ 1

16. Remarks:
The Contractor shall provide to the Government one copy of the PPL 14 days prior to start of scheduled provisioning conference. Contractor shall have available at each provisioning conference, two copies of the PPL. One for Government review and one for Contractor use.

Thirty days after completion of each provisioning conference, the contractor shall submit one corrected copy of the PPL along with a disk, electronic submittal, tape in ascii format. Final PPL due 30 days after FAT approval. PPL shall include all elements specified in MIL-PRF-49506,Appendixxx, LMI Data Product Deliverable selection sheet attachment of the contract. The Government reserves the right to add, adjust, or delete the Contractors recommendation of these data elements as required.

Each LMI data submittal must be compatible with the Governments database: The Commodity Command Standard System (CCSS), Provisioning Online System (POLS), ADSM-18-LEA-JBE-ZZZ-UM-06.

LMI delivery shall on a disk in ascii format, or electronic delivery (email)as an attachment in the same format.

Email: nebelm@tacom.army.mil
See Attachment XX, LMI Requirements, MIL-PRF-49506
*Electronic letter of transmittal only to SFAE-CSS-FP-P

G. PREPARED BY: MeLeah Nebel	I. APPROVED BY:Pandu Rao
H. DATE: 17 May 2002	J. DATE:30 Oct 02
DD FORM 1423-E MAY 99	PAGE_ OF ____

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 92 of 146 REPRINT
Name of Offeror or Contractor:		

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:CAMEL	E. CONTRACT/PR NO.:	F. CONTRACTOR:
1. DATA ITEM NO. A00H		
2. TITLE OF DATA ITEM: Logistics Management Information		
3. SUBTITLE: Pre-Procurement Screening		
4. AUTHORITY:DI-ALSS-81529	5.CONTRACT REFERENCE:C.22.1.2	6. REQUIRING OFFICE:AMSTA-LC-CJA
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	
14. DISTRIBUTION/ A. ADDRESSEES		
* SFAE-CSS-FP-P		
AMSTA-TR-D/210		
B. COPIES DRAFT / FINAL		
1 / 1		
15. TOTAL:1 / 1		

16. Remarks:

The contractor shall make available at each provisioning conference screening results (NSN hits and no hits) for each item listed on the LMI data report. All screening shall be no older than 30 days prior to each scheduled provisioning conference.

All identified NSNs shall be input as part of each LMI data product delivery.

Email: nebelm@tacom.army.mil

*Electronic letter of transmittal only to SFAE-CSS-FP-P

G. PREPARED BY: MeLeah Nebel	I. APPROVED BY:Pandu Rao
H. DATE: 17 May 2002	J. DATE:30 Oct 02
DD FORM 1423-E, MAY 99	
PAGE___ OF ___	

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 93 of 146 REPRINT
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Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:CAMEL	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO: A00J		
2. TITLE OF DATA ITEM: Logistics management Information (LMI) Data Products		
3. SUBTITLE: Engineering Data For Provisioning (EDFP)		
4. AUTHORITY:DI-ALSS-81529.	5. CONTRACT REFERENCE:C.22.1.3	6. REQUIRING OFFICE:AMSTA-LC-CJA
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:SEE BLK 16		13. DATE OF SUBS. SUB: SEE BLK 16

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES DRAFT / FINAL
* SFAE-CSS-FP-P	
AMSTA-LC-CJA	1 / 1
	15. TOTAL:1 / 1

16. Remarks:
BLK 3
The contractor shall have available for Government review approval or disapproval a drawing for each item listed on the LMI/PPL Data List. Drawings are not required for items Contractor can show as having a current NSN.

The contractor shall submit a copy of approval drawings concurrently, with each submittal of the LMI data deliverables.

All drawings must be in English language for acceptability

Delivery shall be in Acrobat format on CD, on disk in ascii format, electronic delivery (email) as an attachment, or some other type of software agreed upon by the Government. (one hard copy at each conference).

Email: nebelm@tacom.army.mil
See Attachment 10, MIL-PRF-49506
*Electronic letter of transmittal only to SFAE-CSS-FP-P

G. PREPARED BY: MeLeah Nebel	I. APPROVED BY:Pandu Rao
H. DATE: 17 May 2002	J. DATE:30 Oct 02
DD FORM 1423-E, MAY 99	PAGE__ OF __

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:CAMEL	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.	A00K	
2. TITLE OF DATA ITEM:	Logistics Management Information (LMI)	
3. SUBTITLE:	Long Lead Time Item List	
4. AUTHORITY:DI-ALSS-81529.	5. CONTRACT REFERENCE:C.22.1.4	6. REQUIRING OFFICE:AMSTA-LC-CJA
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: SEE BLK 16	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:SEE BLK 16		13. DATE OF SUBS. SUB: SEE BLK 16

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
* SFAE-CSS-FP-P		
AMSTA-CM-PS		1 / 1
	15. TOTAL:1	/ 1

16. Remarks:

Initial submission shall be delivered 60 days after guidance conference. The Government has 30 days to approve or disapprove for content.

Final submission 30 days after Government approval.

Media: Initial submission electronic, contractor format. Final submission electronic, contractor format.

Email: nebelm@tacom.army.mil

*Electronic letter of transmittal only to SFAE-CSS-FP-P

G. PREPARED BY: MeLeah Nebel	I. APPROVED BY:Pandu Rao
H. DATE: 17 May 2002	J. DATE:30 Oct 02

DD FORM 1423-EMAY 99

PAGE__ OF __

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 95 of 146 REPRINT
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Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST
Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:CAMEL	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.	A00L	
2. TITLE OF DATA ITEM:	Logistics Management Information (LMI)	
3. SUBTITLE:	Recommended Spare Parts List	
4. AUTHORITY:DI-ALSS-81529	5.CONTRACT REFERENCE:C.22.1.5	6. REQUIRING OFFICE:AMSTA-LC-CJA
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: AS REQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
AMSTA-LC-CJA		

15. TOTAL 1 / 1

16. Remarks:
Initial submittal shall be delivered within 120 days after initial production delivery order. Government has 30 days to approve or disapprove for content. Final submittal due 30 days after Government approval.

Media: Initial submittal electronic, contractor format. Final submission electronic, contractor format.

Email: nebelm@tacom.army.mil.
+Electronic letter of transmittal only to SFAE-CSS-FP-P

G. PREPARED BY: MeLeah Nebel	I. APPROVED BY: Pandu Rao
H. DATE: 17 May 2002	J.DATE:30 Oct 02

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 96 of 146
	PIIN/SIIN DAAE07-03-R-T006	MOD/AMD	REPRINT

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:CAMEL	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.	A00M	
2. TITLE OF DATA ITEM:	Logistics management Information (LMI) Data Products	
3. SUBTITLE:	Design Change Notice (DCN)	
4. AUTHORITY:DI-ALSS-81529.	5. CONTRACT REFERENCE:C.22.1.6	6. REQUIRING OFFICE:AMSTA-LC-CJA
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
* SFAE-CSS-FP-P		
AMSTA-LC-CJA		1

15. TOTAL:1

16. Remarks: The contractor shall deliver DCN data supporting all changes/additions/deletions occurring during the production process. The DCN shall be in PPL format. DCN shall be delivered within 30 days of any approved ECP, but NLT the final submission of the PPL/EDFP data. Contractor shall process all required updates to the PMR data and drawings affected 30 days after data is provided. The Government shall review and approve/disapprove within 15 days of receipt.

Email: nebelm@tacom.army.mil
*Electronic letter of transmittal only to SFAE-CSS-FP-P

G. PREPARED BY: MeLeah Nebel	I. APPROVED BY: Pandu Rao
H. DATE: 17 May 2002	J. DATE:30 Oct 02

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:CAMEL	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.	A00N	
2. TITLE OF DATA ITEM:	Logistics Management Information (LMI) Data Products	
3. SUBTITLE:	Maintenance Allocation Chart (MAC)	
4. AUTHORITY:DI-ALSS-81529.	5. CONTRACT REFERENCE:C.22.1.7	6. REQUIRING OFFICE:AMSTA-LC-CJA
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
* SFAE-CSS-FP-P		
AMSTA-LC-CJA		1 / 1
	15. TOTAL:	1 / 1

16. Remarks:
Initial due at first Logistics Engineering Management Review meeting after award of contract. Final is to be incorporated in the TM 10-5430-xx-14.

Government to review and provide comments within 30 working days of receipt Contractor to respond within 30 working days after receipt of Government comments.
Update as required
MAC delivery shall be electronic delivery (email) as an attachment. Prepare IAW MIL-STD-40051-6A.

Email: nebelm@tacom.army.mil
*Electronic letter of transmittal only to SFAE-CSS-FP-P

G. PREPARED BY: MeLeah Nebel	I. APPROVED BY: Pandu Rao
H. DATE: 17 May 2002	J. DATE: 30 Oct 02

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:CAMEL	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.	A00P	
2. TITLE OF DATA ITEM:	Special Equipment Tools and Test Equipment List(TTEL)	
3. SUBTITLE:		
4. AUTHORITY:DI-ILSS-80868(T).	5. CONTRACT REFERENCE: C.22.2.1	6. REQUIRING OFFICE:AMSTA-LC-CJA
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION:SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
* SFAE-CSS-FP-P		
AMSTA-LC-CJA		1
	15. TOTAL:1	

16. Remarks:
The contractor shall identify TTEL items not currently found in the Armys General Mechanics tool kit, Common Tool Lits, and US Army Supply Catalogs.

The approved list must be entered into PMR concurrently with first LMI submittal.

First submittal with the MAC.
Final submittal with final PPL.
Government review and comment on final submittal within 15 days.
Final delivery of TTEL 15 days after government comment.

Tailoring: Delete pages 3 and 4 of DI-ILSS-80868(T). See attachment 11, Special Tools and Test Equipment List

Email: nebelm@tacom.army.mil
*Electronic letter of transmittal only to SFAE-CSS-FP-P

G. PREPARED BY: MeLeah Nebel	I. APPROVED BY:Pandu Rao
H. DATE: 17 May 2002	J. DATE:30 Oct 02

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 99 of 146 REPRINT
Name of Offeror or Contractor:		

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY: Packaging
D. SYSTEM/ITEM: Camel	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.:A00Q		
2. TITLE OF DATA ITEM: Special Packaging Instructions (SPI)		
3. SUBTITLE: Shipping and Storage (S&S) Instructions		
4. AUTHORITY: DI-PACK-80121B	5. CONTRACT REFERENCE: C.24.1	6. REQUIRING OFC: AMSTA-TR-E/PKG
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED: A
10. FREQUENCY: ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION: SEE BLK 16	13. DATE OF SUB: SEE BLK 16	
14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES DRAFT / FINAL	
AMSTA-TR-E/MEPS/270	1 1	
	15. TOTAL:	1 1

16. Remarks:

S&S instructions. Draft will be submitted 30 days prior to validation. Final Submittal 310 days after contract award.

Government to review and provide comments within 15 days of receipt. Contractor to respond within 20 days after receipt of Government comments.

S&S instructions must be submitted electronically in a format that is readable and editable by the Government.(currently MS Word Office 97).

Repro copy =Electronic delivery 3-1/2 floppy, 100mb IOMEGA Zip Disk or email:wolakm@tacom.army.mil (preferred)

G. PREPARED BY: Mark Wolak	I. APPROVED BY:Pandu Rao
H. DATE: J. DATE:30 Oct 02	

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:	Packaging
D. SYSTEM/ITEM: Camel	E. CONTRACT/PR NO.:	F. CONTRACTOR:	

1. DATA ITEM NO. A00R
2. TITLE OF DATA ITEM: Logistics Management Information (LMI) Data Products(s)
3. SUBTITLE: Packaging Data Elements (coded data)
4. AUTHORITY:DI-ALSS-81529 5. CONTRACT REFERENCE: C.24.7.1 6. REQUIRING OFC: AMSTA-TR-E/PKG
7. DD 250 REQ: LT 8. APP CODE: 9. DIST. STATEMENT REQUIRED: A
10. FREQUENCY: ASREQ 11. AS OF DATE:
12. DATE OF FIRST SUBMISSION: SEE BLK 16 13. DATE OF SUB: SEE BLK 16
14. DISTRIBUTION/ A. ADDRESSEES B. COPIES DRAFT / FINAL
AMSTA-TR-E/MEPS/270 1
15. TOTAL: 2

16. Remarks:
Coded Data. First submittal due 30 days after provisioning and subsequent submittals due by 25th of each month when data is completed. (no data, no submittal)

The following data element positions as defined in
Attachment #15, LMI Packaging Data Format, will be left blank: 7, 27-28, 38, 114, 158,209, 215-336.

Government to review and provide comments within 15 days of receipt. Contractor to respond within 20 days after receipt of Government comments.

Repro copy =Electronic delivery 3-1/2 floppy, 100mb IOMEGA Zip Disk or email:wolakm@tacom.army.mil

G. PREPARED BY: Mark Wolak	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 101 of 146 REPRINT
Name of Offeror or Contractor:		

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY: Packaging
D. SYSTEM/ITEM: Camel	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO. A00S		
2. TITLE OF DATA ITEM: Special Packaging Instructions		
3. SUBTITLE:		
4. AUTHORITY: DI-PACK-80121B	5. CONTRACT REFERENCE: C.24.7.2	6. REQUIRING OFC: AMSTA-TR-E/PKG
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED: A
10. FREQUENCY: ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION: SEE BLK 16	13. DATE OF SUB: SEE BLK 16	
14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES DRAFT / FINAL	
AMSTA-TR-E/MEPS/270	1	
15. TOTAL:	2	

16. Remarks:

Special Packaging Instructions. First submittal due 30 days after provisioning and subsequent submittals due by 25th of each month when data is completed. (no data, no submittal)

Government to review and provide comments within 15 days of receipt. Contractor to respond within 20 days after receipt of Government comments.

An electronic version of DD Form 2169 referenced in DI-PACK-80121B will be provided.

Repro copy = Electronic delivery 3-1/2 floppy, 100mb IOMEGA Zip Disk or email:wolakm@taacom.army.mil (preferred)

G. PREPARED BY: Mark Wolak	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:	E. CONTRACT/PR NO.:	F. CONTRACTOR: Camel

1. DATA ITEM NO. A00T		
2. TITLE OF DATA ITEM:Training Materials		
3. SUBTITLE: Training Course Outline		
4. AUTHORITY: DI-ILSS-80872(T)	5. CONTRACT REFERENCE: C.27.5.1	6. REQUIRING OFFICE:AMSTA-LC-CIFS
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY:ASREQ	11. AS OF DATE: SEE BLK 16	
12. DATE OF FIRST SUBMISSION: SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEE	B. COPIES	DRAFT / FINAL
*LC-CIFS		2
**LC-CIFS		2
***LC-CIFS		2
****LC-CIFS		2
*****LC-CIFS		2
*****LC-CIFS		2
*****LC-CIFS		2
15. TOTAL:	8	6

16. REMARKS: (The training outline will remain as a draft until Instructor and Key Personnel Training (I&KPT) has been completed. Changes to the training materials may occur due to the outcome of testing or the I&KPT). Training Outline shall be delivered in an editable digital format.

*Submit draft copies of the training course outline concurrent with delivery of PVT units. The government will review and provide comments within 5 days after receiving the draft outline.

**Re-submit the revised draft outline within 15 days after receiving government comments. (The outline will be used for the tester training and be the basis for the I&KP and New Equipment Training (NET)).

The government will provide comments within 15 days after successful completion of government testing, with changes based on the results of testing and other training input.

***Re-submit the revised draft outline within 15 days after receiving the government comments. (The outline will be the basis for the I&KP and NET).

****Submit the draft outline 30 days prior to the I&KPT. The government will review and comment within 10 days.

****Re-submit the draft outline with changes 10 days prior to the I&KPT. The government will provide comments within 10 days after completion of the I&KPT.

*****The final outline is due 15 days after receiving the government comments from the I&KPT.

*****Provide updates to the training outline as necessary due to changes in the course curriculum requirements, revision of the technical manuals, and modifications or changes to the system configuration.

TAILORING: Para 10.1: Delete first sentence entirely. Second sentence delete "out a need for" and "with a minimum requirement for". Fourth sentence delete "and to insert training malfunctions into the equipment". Para 10.1.1: Delete first sentence entirely. Para 10.2.1 Delete "clinical" from the first sentence. Delete third sentence entirely. Para 10.2.1.1: Delete last sentence entirely. Para 10.2.1.2: Delete paragraph. Para 10.2.1.3: Delete third sentence entirely. Para 10.2.2: Delete sub-para (3) entirely.

G. PREPARED BY: William Jackson, Harold Williams	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 103 of 146 REPRINT
Name of Offeror or Contractor:		

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
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A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:	E. CONTRACT/PR NO.:	F. CONTRACTOR: Camel

1. DATA ITEM NO.	A00U	
2. TITLE OF DATA ITEM:	Training Materials	
3. SUBTITLE:	Lesson Guides	
4. AUTHORITY: DI-ILSS-80872(T)	5. CONTRACT REFERENCE: C.27.5.2	6. REQUIRING OFFICE:AMSTA-LC-CIFS
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY:ASREQ	11. AS OF DATE: SEE BLK 16	
12. DATE OF FIRST SUBMISSION: SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEE	B. COPIES	DRAFT / FINAL
*LC-CIFS		2
**LC-CIFS		2
***LC-CIFS		2
****LC-CIFS		2
*****LC-CIFS		2
*****LC-CIFS		2
*****LC-CIFS		2
15. TOTAL:	8	6

16. REMARKS: (All training materials will remain as a draft until Instructor and Key Personnel Training (I&KPT) has been completed. Changes to the training materials may occur due to the outcome of testing or the I&KPT). Lesson guides and materials shall be delivered in an editable digital format.

*Submit draft copies of the instructor and student lesson guides concurrent with delivery of PVT units. The government will review and provide comments within 5 days after receiving the draft outline.

**Re-submit the revised draft materials within 15 days after receiving government comments. (These materials will be used for the tester training and be the basis for the I&KP and New Equipment Training (NET).

The government will provide comments within 15 days after successful completion of government testing, with changes based on the results of testing and other training input.

***Re-submit the revised draft lesson guides within 15 days after receiving the government comments. (These materials will be the basis for the I&KP and NET).

****Submit the draft materials 30 days prior to the I&KPT. The government will review and comment within 10 days.

****Re-submit the draft materials with changes 10 days prior to the I&KPT. The government will provide comments within 10 days after completion of the I&KPT.

*****The final materials are due 15 days after receiving the government comments from the I&KPT.

*****Provide updates to the training materials as necessary due to changes in the course curriculum requirements, revision of the technical manuals, and modifications or changes to the system configuration.

TAILORING: Para 10.1: Delete first sentence entirely. Second sentence delete "out a need for" and "with a minimum requirement for". Fourth sentence delete "and to insert training malfunctions into the equipment". Para 10.1.1: Delete first sentence entirely. Para 10.2.1 Delete "clinical" from the first sentence. Delete third sentence entirely. Para 10.2.1.1: Delete last sentence entirely. Para 10.2.1.2: Delete paragraph. Para 10.2.1.3: Delete third sentence entirely. Para 10.2.2: Delete sub-para (3) entirely.

G. PREPARED BY: William Jackson, Harold Williams	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:	E. CONTRACT/PR NO.:	F. CONTRACTOR: Camel

1. DATA ITEM NO. A00V		
2. TITLE OF DATA ITEM:Training Materials		
3. SUBTITLE: Training Course Completion Report		
4. AUTHORITY: DI-ILSS-80872(T)	5. CONTRACT REFERENCE: C.27.5.3	6. REQUIRING OFFICE:AMSTA-LC-CIFS
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY:ASREQ	11. AS OF DATE: SEE BLK 16	
12. DATE OF FIRST SUBMISSION: SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEE	B. COPIES	DRAFT / FINAL
*LC-CIFS		1
**LC-CIFS		20
***LC-CIFS		20
	15. TOTAL:	41

16. REMARKS: *Submit by FAX or EMAIL, a list of students in attendance on the morning of the first day of training. The government will provide Certificates of Training for your presentation to each student at the end of class.

The government will provide course critiques for you to administer at the end of each class, for each student in attendance of the training.

**Submit the completed course critiques within 10 days after each class is completed.

The government will provide a student roster for your administration.

***Submit the completed student roster within 10 days after each class is completed.

TAILORING: Para 10.1: Delete first sentence entirely. Second sentence delete "out a need for" and "with a minimum requirement for." Fourth sentence delete "and to insert training malfunctions into the equipment." Para 10.1.1: Delete first sentence entirely. Para 10.2.1 Delete "clinical" from the first sentence. Delete third sentence entirely. Para 10.2.1.1: Delete last sentence entirely. Para 10.2.1.2: Delete paragraph. Para 10.2.1.3: Delete third sentence entirely. Para 10.2.2: Delete sub-para (3) entirely.

G. PREPARED BY: William Jackson, Harold Williams	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page105 of 146 REPRINT
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Name of Offeror or Contractor:

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Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM: Camel	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO. A00W

2. TITLE OF DATA ITEM: Test Procedure (AI&T)

3. SUBTITLE:

4. AUTHORITY: DI-NDTI-80603

5. CONTRACT REFERENCE: C.28.1

6. REQUIRING OFFICE: AMSTA-TR-D210

7. DD 250 REQ: LT

8. APP CODE:

9. DIST. STATEMENT REQUIRED:

10. FREQUENCY: ASREQ

11. AS OF DATE: SEE BLK 16

12. DATE OF FIRST SUBMISSION: SEE BLK 16

13. DATE OF SUBS. SUB: SEE BLK 16

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
AMSTA-TR-D210	1	1

15. TOTAL: 11

16. REMARKS: Drsft due not later than 30 days prior to delivery of PVT units.
Government review and comment to be completed within 5 days of receipt of draft.
Final due concurrent with delivery of PVT units.

G. PREPARED BY: Doley Nicholson	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

DD FORM 1423-E, MAY 99

PAGE__ OF __

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
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A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM: Camel	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO. A00X		
2. TITLE OF DATA ITEM: Conference Minutes		
3. SUBTITLE:		
4. AUTHORITY: DI-ADMN-81250A	5. CONTRACT REFERENCE: C.5.1	6. REQUIRING OFFICE: SFAE-CSS-FP-P
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: ASREQ	11. AS OF DATE: SEE BLK 16	
12. DATE OF FIRST SUBMISSION: SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
SFAE-CSS-FP-P		1
Each Attendee		
15. TOTAL:		1*

16. REMARKS: Minutes to be sent electronically to each attendee who requests a copy.

G. PREPARED BY: Nancy Gillispie	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

Name of Offeror or Contractor:

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A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM:	E. CONTRACT/PR NO.:	F. CONTRACTOR: Camel

1. DATA ITEM NO.	A00Y	
2. TITLE OF DATA ITEM:	Instructional Media Package	
3. SUBTITLE:	Distance Learning	
4. AUTHORITY: DI-SESS-81526B	5. CONTRACT REFERENCE: C.30	6. REQUIRING OFFICE:AMSTA-LC-CIFS
7. DD 250 REQ: LT	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY:ASREQ	11. AS OF DATE: SEE BLK 16	
12. DATE OF FIRST SUBMISSION: SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEE	B. COPIES	DRAFT / FINAL
*LC-CIFS		2
**LC-CIFS		2
***LC-CIFS		2
****LC-CIFS		2
*****LC-CIFS		2
*****LC-CIFS		2
*****LC-CIFS		2
*****LC-CIFS		2
*****LC-CIFS		2
15. TOTAL:	10	6

16. REMARKS: (All video and CDROM training materials will remain as a draft until Instructor and Key Personnel Training (I&KPT) has been completed. Changes to the scripts and materials may occur due to the outcome of testing or the I&KPT). Media materials will be delivered in an electronic reproducible format.

*Submit draft copies of the media presentation scripts 15 days prior to the start of government testing. The government will review and provide comments within 5 days after receiving the draft scripts.

**Re-submit the revised scripts within 15 days after receiving government comments. (These scripts will be used to develop the media presentation for the I&KP and New Equipment Training (NET)).

The government will provide comments to the scripts within 15 days after successful completion of government testing.

***Re-submit the revised draft scripts within 15 days after receiving the government comments. (These materials will be the basis for the I&KP and NET).

****Submit the draft scripts and productions 90 days prior to the I&KPT. The government will review and comment within 20 days.

*****Re-submit the draft scripts and productions with changes 30 days prior to the I&KPT. The government will review and provide comment within 10 days.

*****Re-submit the draft scripts and productions with changes 10 days prior to the I&KPT.

The government will provide comments within 10 days after completion of the I&KPT.

*****The final media productions are due 15 days after receiving the government comments from the I&KPT.

*****Provide updates to the media package as necessary due to changes in the course curriculum requirements, revision of the technical manuals, and modifications or changes to the system configuration.

G. PREPARED BY: William Jackson, Harold Williams	I. APPROVED BY:Pandu Rao
H. DATE:	J. DATE:30 Oct 02

Name of Offeror or Contractor:

CONTRACT DATA REQUIREMENTS LIST Form Approval OMB No. 0704-0188
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A. CONTRACT LINE ITEM NO.:	B. EXHIBIT:	C. CATEGORY:
D. SYSTEM/ITEM: Camel	E. CONTRACT/PR NO.:	F. CONTRACTOR:

1. DATA ITEM NO.	A00Z	
2. TITLE OF DATA ITEM:	Technical Manual (Operator)	
3. SUBTITLE:		
4. AUTHORITY:DI-TMSS-80527A	5. CONTRACT REFERENCE: C.13.2	6. REQUIRING OFFICE:AMSTA-LC-CJA
7. DD 250 REQ: DD	8. APP CODE:	9. DIST. STATEMENT REQUIRED:
10. FREQUENCY: ASREQ	11. AS OF DATE:	
12. DATE OF FIRST SUBMISSION: SEE BLK 16	13. DATE OF SUBS. SUB: SEE BLK 16	

14. DISTRIBUTION/ A. ADDRESSEES	B. COPIES	DRAFT / FINAL
AMSTA-LC-CJA		0 / 1

15. TOTAL: 0 / 1

16. REMARKS: Operator's Manual
The Operator's manual must be validated by the contractor prior to submitting the final manual, to ensure accuracy of all tasks and procedures. This validation must be completed during contractor testing. The validated manual will be used to support government testing. The contractor may choose to utilize the Operator's manual as the training material for government testers. The manual shall be delivered electronically concurrently with the SDD Prototype units.

G. PREPARED BY: MeLeah Nebel	I. APPROVED BY:Pandu Rao
H. DATE: 17 May 2002	J. DATE:30 Oct 02

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 109 of 146 REPRINT
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Name of Offeror or Contractor:

SECTION K - REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
K-1	52.222-38	COMPLIANCE WITH VETERANS' EMPLOYMENT REPORTING REQUIREMENTS	DEC/2001
K-2	252.209-7001	DISCLOSURE OF OWNERSHIP OR CONTROL BY THE GOVERNMENT OF A TERRORIST COUNTRY per DoD interim rule, Federal Register 27 Mar 98	MAR/1998
K-3	252.227-7028	TECHNICAL DATA OR COMPUTER SOFTWARE PREVIOUSLY DELIVERED TO THE GOVERNMENT	JUN/1995
K-4 (a)	52.219-1	SMALL BUSINESS PROGRAM REPRESENTATIONS (Alternate I dated APR 2002)	APR/2002

(1) The North American Industry Classification System (NAICS) code for this acquisition is 333319 .

(2) The small business size standard is 500 .

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representations.

(1) The offeror represents as part of its offer that it [] is, [] is not, a small business concern.

(2) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, for general statistical purposes, that it [] is, [] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents as part of its offer that it [] is, [] is not, a woman-owned small business concern.

(4) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents as part of its offer that it [] is, [] is not, a veteran-owned small business concern.

(5) [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.] The offeror represents as part of its offer that it [] is, [] is not, a service-disabled veteran-owned small business concern.

(6) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, as part of its offer, that -

(i) It [] is, [] is not, a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It [] is, [] is not, a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate of the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture]: _____

Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(7) [Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.] The offeror shall check the category in which its ownership falls:

- [] Black American.
- [] Hispanic American.
- [] Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).
- [] Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).
- [] Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh,

<p>CONTINUATION SHEET</p>	<p>Reference No. of Document Being Continued</p> <p>PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p>Page110 of 146</p> <p>REPRINT</p>
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Name of Offeror or Contractor:

Sri Lanka, Bhutan, the Maldives Islands, or Nepal).

[] Individual/concern, other than one of the preceding.

(c) Definitions. As used in this provision--

"Service-disabled veteran-owned small business concern"--

(1) Means a small business concern-

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern," means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern-

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern," means a small business concern --

(1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall --

(i) Be punished by imposition of fine, imprisonment, or both;

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

[End of Provision]

K-5 52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS--(ALTERNATES I AND II dated MAY/2001 OCT 2000)

(a)

(1) The North American Industry Classification System (NAICS) code for this acquisition is 333319 .

(2) The small business size standard is 500 .

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or

<p>CONTINUATION SHEET</p>	<p>Reference No. of Document Being Continued</p> <p>PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p>Page111 of 146</p> <p>REPRINT</p>
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Name of Offeror or Contractor:

service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representations.

(1) The offeror represents as part of its offer that it [] is, [] is not a small business concern.

(2) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents, for general statistical purposes, that it [] is, [] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it [] is, [] is not a women-owned small business concern.

(4) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it [] is, [] is not a veteran-owned small business concern.

(5) (Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.) The offeror represents as part of its offer that it is [] is, [] is not a service-disabled veteran-owned small business concern.

(c) Definitions. As used in this provision-

"Service-disabled veteran-owned small business concern"-

(1) Means a small business concern-

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern," as used in this provision, means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern-

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern," as used in this provision, means a small business concern-

(1) That is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall --

(i) Be punished by imposition of fine, imprisonment, or both;

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page112 of 146</p> <p align="center">REPRINT</p>
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Name of Offeror or Contractor:

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

(e) [Complete only if offeror represented itself as small business concern in paragraph (b)(1) of this provision].

The offeror represents, as part of its offer, that--

(i) It [] is, [] is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR Part 126; and

(ii) It [] is, [] is not a joint venture that complies with the requirements of 13 CFR Part 126, and the representation in paragraph (b)(4)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture: _____.] Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(f) [Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.]

The offeror shall check the category in which its ownership falls:

[] Black American.

[] Hispanic American.

[] Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).

[] Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).

[] Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).

[] Individual/concern, other than one of the preceding.

[End of Provision]

K-6 52.203-2 CERTIFICATE OF INDEPENDENT PRICE DETERMINATION APR/1985

(a) The offeror certifies that--

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to (i) those prices, (ii) the intention to submit an offer, or (iii) the methods or factors used to calculate the prices offered;

(2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory--

(1) Is the person in the offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above; or

(2)(i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 113 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above (INSERT FULL NAME OF PERSON(S) IN THE OFFEROR'S ORGANIZATION RESPONSIBLE FOR DETERMINING THE PRICES OFFERED IN THIS BID OR PROPOSAL, AND THE TITLE OF HIS OR HER POSITION IN THE OFFEROR'S ORGANIZATION);

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above; and

(iii) As an agent, has not personally participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above.

(c) If the offeror deletes or modifies subparagraph (a)(2) above, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

[End of Provision]

K-7	52.203-11	CERTIFICATION AND DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	APR/1991
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(a) The definitions and prohibitions contained in the clause, at FAR 52.203-12, Limitation on Payments to Influence Certain Federal Transactions, included in this solicitation, are hereby incorporated by reference in paragraph (b) of this certification.

(b) The offeror, by signing its offer, hereby certifies to the best of his or her knowledge and belief that on or after December 23, 1989 that:

(1) No Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan or cooperative agreement:

(2) If any funds other than Federal appropriated funds (including profit or fee received under a covered Federal transaction) have been paid, or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his or her behalf in connection with this solicitation, the offeror shall complete and submit, with its offer, OMB standard form LLL, Disclosure of Lobbying Activities, to the Contracting Officer: and

(3) He or she will include the language of this certification in all subcontract awards at any tier and require that all recipients of subcontract awards in excess of \$100,000 shall certify and disclose accordingly.

(c) Submission of this certification and disclosure is a prerequisite for making or entering into this contract imposed by section 1352, title 31, United States Code. Any person who makes an expenditure prohibited under this provision or who fails to file or amend the disclosure form to be filed or amended by this provision, shall be subject to a civil penalty of not less than \$10,000, and not more than \$100,000, for each such failure.

[End of Provision]

K-8	52.204-3	TAXPAYER IDENTIFICATION	OCT/1998
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(a) Definitions.

(1) Common parent, as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

(2) Taxpayer Identification Number (TIN), as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the IRS. If the resulting contract is subject to the payment reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

<p>CONTINUATION SHEET</p>	<p>Reference No. of Document Being Continued</p> <p>PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p>Page114 of 146</p> <p>REPRINT</p>
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Name of Offeror or Contractor:

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) Taxpayer Identification Number (TIN).

[] TIN: _____

[] TIN has been applied for.

[] TIN is not required because:

[] Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

[] Offeror is an agency or instrumentality of a foreign government;

[] Offeror is an agency or instrumentality of the Federal Government.

(e) Type of organization.

[] Sole proprietorship;

[] Partnership;

[] Corporate entity (not tax-exempt);

[] Corporate entity (tax-exempt);

[] Government entity (Federal, State, or local);

[] Foreign government;

[] International organization per 26 CFR 1.6049-4;

[] Other:

(f) Common parent.

[] Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this provision.

[] Name and TIN of common parent:

Name: _____

TIN: _____

[End of Provision]

K-9

52.204-6

DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER

JUN/1999

(a) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" followed by the DUNS number that identifies the offeror's name and address exactly as stated in the offer. The DUNS number is a nine-digit number assigned by Dun and Bradstreet Information Services.

(b) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. A DUNS number will be provided immediately by telephone at no charge to the offeror. For information on obtaining a DUNS number, the offeror, if located within the United States, should call Dun and Bradstreet at 1-800-333-0505. The offeror should be prepared to provide the following information:

- (1) Company name.
- (2) Company address.
- (3) Company telephone number.
- (4) Line of business.

<p>CONTINUATION SHEET</p>	<p>Reference No. of Document Being Continued</p> <p>PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p>Page115 of 146</p> <p>REPRINT</p>
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Name of Offeror or Contractor:

- (5) Chief executive officer/key manager.
- (6) Date the company was started.
- (7) Number of people employed by the company.
- (8) Company affiliation.

(c) Offerors located outside the United States may obtain the location and phone number of the local Dun and Bradstreet Information Services office from the Internet home page at <http://www.customerservices@dnb.com>. If an offeror is unable to locate a local service center, it may send an e-mail to Dun and Bradstreet at globalinfo@mail.dnb.com.

[End of Provision]

K-10 52.207-4 ECONOMIC PURCHASE QUANTITY -- SUPPLIES AUG/1987

(a) Offerors are invited to state an opinion on whether the quantity(ies) of supplies on which bids, proposals, or quotations are requested in this solicitation is (are) economically advantageous to the Government.

(b) Each offeror who believes that acquisitions in different quantities would be more advantageous is invited to recommend an economic purchase quantity. If different quantities are recommended, a total and a unit price must be quoted for applicable items. An economic purchase quantity is that quantity at which a significant price break occurs. If there are significant price breaks at different quantity points, this information is desired as well.

OFFEROR RECOMMENDATIONS

<u>ITEM</u>	<u>QUANTITY</u>	<u>PRICE QUOTATION</u>	<u>TOTAL</u>
<hr/>	<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>	<hr/>

(c) The information requested in this provision is being solicited to avoid acquisitions in disadvantageous quantities and to assist the Government in developing a data base for future acquisitions of these items. However, the Government reserves the right to amend or cancel the solicitation and resolicit with respect to any individual item in the event quotations received and the Government's requirements indicate that different quantities should be acquired.

[End of Provision]

K-11 52.209-5 CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, DEC/2001
AND OTHER RESPONSIBILITY MATTERS

(a) (1) The Offeror certifies, to the best of its knowledge and belief, that--

(i) The Offeror and/or any of its Principals--

- (A) ☐ are
- ☐ are not

presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B,C) [Language removed]

(D) [Language removed]

(E) [Language removed]

Name of Offeror or Contractor:

(ii) [Language removed]

(iii) The Offeror

[] has

[] has not,

within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) Principals, for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

THIS CERTIFICATION CONCERNS A MATTER WITHIN A JURISDICTION OF AN AGENCY OF THE UNITED STATES AND THE MAKING OF A FALSE, FICTITIOUS, OR FRAUDULENT CERTIFICATION MAY RENDER THE MAKER SUBJECT TO PROSECUTION UNDER SECTION 1001, TITLE 18, UNITED STATES CODE.

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsive.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

[End of Provision]

K-12 52.215-6 PLACE OF PERFORMANCE OCT/1997

(a) The offeror or respondent, in the performance of any contract resulting from this solicitation,

[] intends

[] does not intend

(Check applicable block)

to use one or more plants or facilities located at a different address from the address of the offeror or respondent as indicated in this proposal or response to request for information.

(b) If the offeror or respondent checks intends in paragraph (a) of this provision, it shall insert in following spaces the required information:

Place of Performance (Street Address, City, County, State, ZIP code)	Name and Address of Owner and Operator of the Plant or Facility if Other than Offeror or Respondent.
_____	_____
_____	_____
_____	_____

[End of Provision]

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 117 of 146 REPRINT
Name of Offeror or Contractor:		

(a) This provision applies to small business concerns only.

(b) The bidder's status as a labor surplus area (LSA) concern may affect entitlement to award in case of tie bids. If the bidder wishes to be considered for this priority, the bidder must identify, in the following space, the LSA in which the costs to be incurred on account of manufacturing or production (by the bidder or the first-tier subcontractors) amount to more than 50 percent of the contract price.

(c) Failure to identify the labor surplus areas as specified in paragraph (b) of this provision will preclude the bidder from receiving priority consideration. If the bidder is awarded a contract as a result of receiving priority consideration under this provision and would not have otherwise received award, the bidder shall perform the contract or cause the contract to be performed in accordance with the obligations of an LSA concern.

[End of Provision]

K-14 52.222-22 PREVIOUS CONTRACTS AND COMPLIANCE REPORTS FEB/1999

The offeror represents that--

(a) It ☐ has
☐ has not

participated in a previous contract or subcontract subject either to the EQUAL OPPORTUNITY clause of this solicitation, the clause originally contained in Section 310 of Executive Order No. 10925, or the clause contained in Section 201 of Executive Order No. 11114:

(b) It ☐ has
☐ has not

filed all required compliance reports; and

(c) Representations indicating submission of required compliance reports, signed by proposed subcontractors, will be obtained before subcontract awards.

[End of Provision]

K-15 52.222-25 AFFIRMATIVE ACTION COMPLIANCE APR/1984

The offeror represents that

(a) It ☐ has developed and has on file,
☐ has not developed and does not have on file,

at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 CFR 60-1 and 60-2), or

(b) It ☐ has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

[End of Provision]

K-16 52.223-13 CERTIFICATION OF TOXIC CHEMICAL RELEASE REPORTING OCT/2000

(a) Submission of this certification is a prerequisite for making or entering into this contract imposed by Executive Order 12969, August 8, 1995.

(b) By signing this offer, the offeror certifies that-

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page118 of 146</p> <p align="center">REPRINT</p>
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Name of Offeror or Contractor:

(1) As the owner or operator of facilities that will be used in the performance of this contract that are subject to the filing and reporting requirements described in section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) (42 U.S.C. 11023) and section 6607 of the Pollution Prevention Act of 1990 (PPA) (42 U.S.C. 13106), the offeror will file and continue to file for such facilities for the life of the contract the Toxic Chemical Release Inventory Form (Form R) as described in sections 313(a) and (g) of EPCRA and section 6607 of PPA; or

(2) None of its owned or operated facilities to be used in the performance of this contract is subject to the Form R filing and reporting requirements because each such facility is exempt for at least one of the following reasons:

(The offeror is to check each block that is applicable.)

- [] (i) The facility does not manufacture, process, or otherwise use any toxic chemicals listed under section 313(c) of EPCRA, 42 U.S.C. 11023(c);
- [] (ii) The facility does not have 10 or more full-time employees as specified in section 313(b)(1)(A) of EPCRA, 42 U.S.C. 11023(b)(1)(A);
- [] (iii) The facility does not meet the reporting thresholds of toxic chemicals established under section 313(f) of EPCRA, 42 U.S.C. 11023(f) (including the alternate thresholds at 40 CFR 372.27, provided an appropriate certification form has been filed with EPA);
- [] (iv) The facility does not fall within Standard Industrial Classification Code (SIC) major groups 20 through 39 or their corresponding North American Industry Classification System (NAICS) sectors 31 through 33; or
- [] (v) The facility is not located within any State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the United States Virgin Islands, the Northern Mariana Islands, or any other territory or possession over which the United States has jurisdiction.

[End of Provision]

K-17 52.227-6 ROYALTY INFORMATION APR/1984

(a) Cost or charges for royalties When the response to this solicitation contains costs or charges for royalties totaling more than \$250, the following information shall be included in the response relating to each separate item of royalty or license fee:

- (1) Name and address of licensor;
- (2) Date of license agreement;
- (3) Patent numbers, patent application serial numbers, or other basis on which the royalty is payable;
- (4) Brief description, including any part or model numbers, of each contract item or component on which the royalty is payable;
- (5) Percentage or dollar rate of royalty per unit;
- (6) Unit price of contract item;
- (7) Number of units; and
- (8) Total dollar amount of royalties.

(b) Copies of current licenses In addition, if specifically requested by the Contracting Officer before execution of the contract, the offeror shall furnish a copy of the current license agreement and an identification of applicable claims of specific patents.

[End of Provision]

K-18 52.247-53 FREIGHT CLASSIFICATION DESCRIPTION APR/1984

Offerors are requested to indicate below the full Uniform Freight Classification description applicable to the supplies, the same as offeror uses for commercial shipment. This description should include the packing of the commodity (box, crate, bundle, loose, setup, knocked down, compressed, unwrapped, etc.), the container material (fiberboard, wooden, etc.), unusual shipping dimensions, and other conditions affecting traffic descriptions. The Government will use these descriptions as well as other information available to determine the classification description most appropriate and advantageous to the Government. Offeror understands that shipments on any F.O.B. origin contract awarded, as a result of this solicitation, will be made in conformity with the shipping classification description specified by the Government, which may be different from the classification description furnished below.

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page119 of 146</p> <p align="center">REPRINT</p>
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Name of Offeror or Contractor:

FOR FREIGHT CLASSIFICATION PURPOSES, OFFEROR DESCRIBES THIS COMMODITY AS:

[End of Provision]

K-19

52.247-60

GUARANTEED SHIPPING CHARACTERISTICS

DEC/1989

(a) The offeror is requested to complete subparagraph (a)(1) of this clause, for each part or component which is packed or packaged separately. This information will be used to determine transportation costs for evaluation purposes. If the offeror does not furnish sufficient data in subparagraph (a)(1) of this clause, to permit determination by the Government of the item shipping costs, evaluation will be based on the shipping characteristics submitted by the offeror whose offer produces the highest transportation costs or in the absence thereof, by the Contracting Officer's best estimate of the actual transportation costs. If the item shipping costs, based on the actual shipping characteristics, exceed the item shipping costs used for evaluation purposes, the Contractor agrees that the contract price shall be reduced by an amount equal to the difference between the transportation costs actually incurred, and the costs which would have been incurred if the evaluated shipping characteristics had been accurate.

(1) To be completed by the offeror:

- (i) Type of "Outer" container: Wood Box _____, Fiber Box _____, Barrel _____, Reel _____, Drum _____, Other (Specify) _____
- (ii) Shipping configuration: Knocked-down _____, Set-up _____, Nested _____, Other (specify) _____;
- (iii) Size of outer container: _____ inches (Length), x _____ inches (Width), x _____ inches (Height) = _____ Cubic FT;
- (iv) Number of items per outer container _____ Each;
- (v) Gross weight of outer container and contents _____ LBS
- (vi) Palletized/skidded _____ Yes _____ No;
- (vii) Number of outer containers per pallet/skid _____;
- (viii) Weight of empty pallet bottom/skid and sides _____ LBS;
- (ix) Size of pallet/skid and contents _____ LBS Cube _____;
- (x) Number of outer containers or pallets/skids per railcar _____ * --
 Size of railcar _____
 Type of railcar _____
- (xi) Number of outer containers or pallets/skids per trailer _____ *--
 Size of trailer _____
 Type of trailer _____

*Number of complete units (contract line item) to be shipped in carrier's equipment.

(2) To be completed by the Government after evaluation but before contract award:

- (i) Rate used in evaluation _____;
- (ii) Tender/Tariff _____;
- (iii) Item _____;

The guaranteed shipping characteristics requested in subparagraph (a)(1) of this clause do not establish actual transportation requirements, which are specified elsewhere in this solicitation. The guaranteed shipping characteristics will be used only for the purpose of evaluating offers and establishing any liability of the successful offeror for increased transportation costs resulting from actual shipping characteristics which differ from those used for evaluation in accordance with paragraph (a) of this clause.

[End of Clause]

K-20	252.223-7001	HAZARD WARNING LABELS	DEC/1991
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(a) Hazardous material, as used in this clause, is defined in the Hazardous Material Identification and Material Safety Data clause of this contract.

(b) The Contractor shall label the item package (unit container) of any hazardous material to be delivered under this contract in accordance with the Hazard Communication Standard (29 CFR 1910.1200 et seq). The Standard requires that the hazard warning label conform to the requirements of the standard unless the material is otherwise subject to the labelling requirements of one of the following statutes:

- (1) Federal Insecticide, Fungicide and Rodenticide Act;
- (2) Federal Food, Drug and Cosmetics Act;
- (3) Consumer Product Safety Act;
- (4) Federal Hazardous Substances Act; or
- (5) Federal Alcohol Administration Act.

(c) The Offeror shall list which hazardous material listed in the Hazardous Material Identification and Material Safety Data clause of this contract will be labelled in accordance with one of the Acts in paragraphs (b)(1) through (5) of this clause instead of the Hazard Communication Standard. Any hazardous material not listed will be interpreted to mean that a label is required in accordance with the Hazard Communication Standard.

MATERIAL (If None, Insert <u>None</u> .)	ACT
_____	_____
_____	_____
_____	_____

(d) The apparently successful Offeror agrees to submit, before award, a copy of the hazard warning label for all hazardous materials not listed in paragraph (c) of this clause. The Offeror shall submit the label with the Material Safety Data Sheet being furnished under the Hazardous Material Identification and Material Safety Data clause of this contract.

(e) The Contractor shall also comply with MIL-STD-129, Marking for Shipment and Storage (including revisions adopted during the term of this contract).

[End of Provision]

K-21	252.225-7000	BUY AMERICAN ACT - BALANCE OF PAYMENTS PROGRAM CERTIFICATE	SEP/1999
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(a) Definitions. "Domestic end product," "qualifying country," "qualifying country end product," and "nonqualifying country end product" have the meanings given in the Buy American Act and Balance of Payments Program clause of this solicitation.

(b) Evaluation. Offers will be evaluated by giving preference to domestic end products and qualifying country end products over nonqualifying country end products.

- (c) Certifications.
- (1) The Offeror certifies that-
 - (i) Each end product, except those listed in paragraphs (c)(2) or (3) of this provision, is a domestic end product; and

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 121 of 146 REPRINT
Name of Offeror or Contractor:		

(ii) Components of unknown origin are considered to have been mined, produced, or manufactured outside the United States or a qualifying country.

(2) The Offeror certifies that the following end products are qualifying country end products:

<u>Qualifying Country End Products</u>	<u>Line Item Number</u>	<u>Country of Origin</u>
_____	_____	_____
_____	_____	_____

(List only qualifying country end products.)

(3) The Offeror certifies that the following end products are nonqualifying country end products:

<u>Nonqualifying Country End Products</u>	<u>Line Item Number</u>	<u>Country of Origin (If known)</u>
_____	_____	_____
_____	_____	_____

[End of Provision]

K-22	252.225-7003	INFORMATION FOR DUTY-FREE ENTRY EVALUATION	MAR/1998
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(a) Does the offeror propose to furnish-

(1) A domestic end product with nonqualifying country components for which the offeror requests duty-free entry; or

(2) A foreign end product consisting of end items, components, or material of foreign origin other than those for which duty-free entry is to be accorded pursuant to the Duty-Free Entry--Qualifying Country Supplies (End Products and Components) clause or, if applicable, the Duty-Free Entry--Eligible End Products clause of this solicitation?

[] Yes
[] No

(b) If the answer in paragraph (a) is yes, answer the following questions:

(1) Are such foreign supplies now in the United States?

[] Yes
[] No

(2) Has the duty on such foreign supplies been paid?

[] Yes
[] No

(3) If the answer to paragraph (b)(2) is no, what amount is included in the offer to cover such duty? \$_____

(c) If the duty has not been paid, the Government may elect to make award on a duty-free basis. If so, the offered price will be reduced in the contract award by the amount specified in paragraph (b)(3). The Offeror agrees to identify, at the request of the Contracting Officer, the foreign supplies which are subject to duty-free entry.

[End of Provision]

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 122 of 146 REPRINT
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Name of Offeror or Contractor:

(a) The Offeror shall indicate by checking the appropriate blank in paragraph (b) of this provision whether transportation of supplies by sea is anticipated under the resultant contract. The term supplies is defined in the Transportation of Supplies by Sea clause of this solicitation.

(b) Representation. The Offeror represents that it--

- [] Does anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.
- [] Does not anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.

(c) Any contract resulting from this solicitation will include the Transportation of Supplies by Sea clause. If the Offeror represents that it will not use ocean transportation, the resulting contract will also include the Defense FAR Supplement clause at 252.247-7024, Notification of Transportation of Supplies by Sea.

[End of Provision]

K-24 52.204-4007 OFFEROR'S DATAFAX NUMBER, E-MAIL ADDRESS, AND CAGE CODE MAR/2001
(TACOM)

(a) If you have a data fax number, please provide it below.

(b) If you have a company Internet address that we can use in the future when sending out electronic notices and possibly solicitations, please provide the complete e-mail address below.

(c) Provide your CAGE (Contractor And Government Entity) code below. If you don't have a CAGE code for your specific company name and address, enter NONE in the space below, and apply to Central Contractor Registration at the following website:
<http://www.ccr2000.com/>

[End of Provision]

K-25 52.211-4034 IDENTIFICATION OF OFFERED PART NUMBER NOV/1982
(TACOM)

(a) Offers in response to this solicitation are to be made on the contract item as defined in the Schedule (Section B) and in the accompanying Technical Data Package (TDP). Any offer made on an item that does not exactly conform to the descriptions and specifications in the TDP will not be considered for contract award. However, if the offeror manufactures or regularly sells the contract item under a part number designation other than the one set forth in Section B herein, that part number and revision or specification information shall be set forth in the spaces provided below.

Contract Line Item Number (CLIN)	Manufacturer's Part number	Drawing/Specification	Date and Revision No.
_____	_____	_____	_____
_____	_____	_____	_____

(b) By inserting the information requested above, offeror certifies that the offered part number conforms in all respects to the specifications, drawings, and requirements herein cited or incorporated by reference.

(c) If no part number information is inserted above by offeror, it is understood and agreed that offeror will supply only the part number called out in the Schedule, and that such part has no other code or designation for purpose of offeror's commercial sales.

[End of Provision]

Name of Offeror or Contractor:

K-26	52.215-4005	MINIMUM ACCEPTANCE PERIOD	OCT/1985
	(TACOM)		

(a) Notwithstanding block 12 of Standard Form 33 (the front page of this solicitation) this provision shall govern. ACCEPTANCE PERIOD, as used in this provision, means the number of calendar days available to the Government for awarding a contract from the date specified in this solicitation for receipt of offers.

(b) The Government requires a minimum acceptance period of sixty (60) calendar days.

(c) In the space provided immediately below, offers may specify a longer acceptance period than the Government's minimum requirement.

The offeror allows the following acceptance period: _____ calendar days.

(d) An offer allowing less than the Government's minimum acceptance period may be rejected.

[End of Provision]

K-27	52.215-4010	AUTHORIZED NEGOTIATORS	JAN/1998
	(TACOM)		

Please identify, below, the representatives that are authorized to negotiate on your organization's behalf with the Government in connection with this request for proposals or request for information:

PERSONS AUTHORIZED TO NEGOTIATE

NAME	TITLE	TELEPHONE NUMBER
_____	_____	_____
_____	_____	_____

[End of Provision]

K-28	52.223-4002	USE OF CLASS I OZONE-DEPLETING SUBSTANCES (CIODS)	DEC/1993
	(TACOM)		

(a) Definitions.

(1) Class I Ozone-Depleting Substances (CIODS) refers to the class of substances identified in Section 602(a) of the Clean Air Act, (42 U.S.C. 7671a(a)), as reproduced below:

- (i) chlorofluorocarbon-11 (CFC-11)
- (ii) chlorofluorocarbon-12 (CFC-12)
- (iii) chlorofluorocarbon-13 (CFC-13)
- (iv) chlorofluorocarbon-111 (CFC-111)
- (v) chlorofluorocarbon-112 (CFC-112)
- (vi) chlorofluorocarbon-113 (CFC-113)
- (vii) chlorofluorocarbon-114 (CFC-114)
- (viii) chlorofluorocarbon-115 (CFC-115)
- (ix) chlorofluorocarbon-211 (CFC-211)
- (x) chlorofluorocarbon-212 (CFC-212)
- (xi) chlorofluorocarbon-213 (CFC-213)
- (xii) chlorofluorocarbon-214 (CFC-214)
- (xiii) chlorofluorocarbon-215 (CFC-215)
- (xiv) chlorofluorocarbon-216 (CFC-216)
- (xv) chlorofluorocarbon-217 (CFC-217)
- (xvi) halon-1211
- (xvii) halon-1301

Name of Offeror or Contractor:

- (xviii) halon-2402
- (xix) carbon tetrachloride
- (xx) methyl chloroform
- (xxi) Methyl bromide
- (xxii) hydrobromofluorocarbons (HBFCs)
- (xxiii) All isomers of the substances listed in this paragraph (a)(1) except for 1,1,2-trichloroethane, which is an isomer of methyl chloroform.

(2) Directly requires the use of CIODS means that the Government's specification or technical data package, at any tier, explicitly requires the use of any Class I Ozone-Depleting Substance (CIODS) in performance of the contract.

(3) Indirectly requires the use of CIODS means that the Government's specification or technical data package, while not explicitly requiring the use of any CIODS, does require a feature that you can meet or produce only by the use of CIODS.

(b) Per Section 326 of Public Law 102-484, the Department of Defense cannot award any contract that directly or indirectly requires the use of CIODS unless (i) the use of such substances is essential for contract performance, and (ii) no suitable substitute for the CIODS currently is available.

(c) Before releasing this solicitation, we conducted a best effort review of its technical requirements, standards, and specifications, to see if any contain requirements for CIODS. If we identified any such CIODS requirements, they are identified in subparagraph (d)(1) below.

(1) In addition, to help TACOM meet its obligations under Public Law 102-484, we ask you for input. If you have any special knowledge about any CIODS requirements that our specifications impose, whether directly or indirectly, or if you know about potential substitutes for any CIODS required by our specifications, we would appreciate the information.

(2) It should be understood that you are not obligated to give us the information requested by this provision, and that we cannot provide any separate or special payment for doing so. However, we are asking only for information based on knowledge that is readily available to you as a supplier in this industry. We do not expect you to do any review of our specifications more extensive than the one you perform in order to develop your price.

(d) Please summarize your own review of our specification/technical data package, by completing the following:

(1) During our review of the specification or technical data package in this solicitation, we--

- [] have
- [] have not

found any direct requirements to use any CIODS. (If have is checked above, offerors are asked to identify, on the following lines, (i) any specifications and standards not already listed immediately below that directly require the use of CIODS; (ii) the CIODS required by the listed specifications and standards; and (iii) whether any substitutes are known to be available for the listed CIODS.)

<u>Spec/Standard</u>	<u>Required CIODS</u>	<u>Substitute Available?</u>

(2) Further, in our review of the specification or technical data package in this solicitation, we--

- [] have
- [] have not

found any indirect requirements to use any CIODS. (Offerors who check have above are asked to identify, on the following lines, (i) the specifications and standards for this acquisition that indirectly require the use of CIODS; (ii) the CIODS indirectly required by each listed specification and standard; and (iii) whether any substitutes are known to be available for the listed CIODS.)

<u>Spec/Standard</u>	<u>Required CIODS</u>	<u>Substitute Available?</u>

(e) Offerors who check have in paragraphs (d)(1) or (2) above also are requested to say whether substitutes are known to be available for any of the CIODS. If an available substitute would perform less well than the CIODS would perform, please let us know

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page125 of 146 REPRINT
--------------------	---	---------------------------

Name of Offeror or Contractor:

what the technical trade-offs are to the extent that you have such information available.

(f) If you checked have in paragraphs (d)(1) or (2) above, and also indicated that substitutes for CIODS are available, we need to know whether use of the suggested substitute would have any effect on your proposed price. If your proposal price for compliance with our current specifications differs from what your price would be if the substitute for CIODS were required, we ask that you let us know what the difference would be in Section B of this solicitation, by giving us two prices or offers:

--One price/offer, labeled with CIODS, will be the offered price in the event that CIODS are used.

--The second price/offer, labeled without CIODS, will be the price offered if substitutes for CIODS are used, and will specify the substitute(s) being proposed for use.

(g) Section 326 of Public Law 102-484 reflects the national and international interest in minimizing the use of CIODS. For this reason, TACOM reserves the right to (i) determine the suitability of substitutes for CIODS when such potential substitutes are available; and (ii) change the specification in any contract awarded as a result of this solicitation, to require the use of suitable substitutes in lieu of CIODS.

[End of Provision]

K-29	52.225-4003 (TACOM)	IDENTIFICATION OF SUPPLY CONTRACT/SUBCONTRACT(S) WITH A UNITED KINGDOM (UK) FIRM IN EXCESS OF \$1 MILLION	MAR/1990
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(a) The offeror shall indicate, by check mark, if one or more of the statements at (i) or (ii) below applies to this supply solicitation/contract. (Statement (ii) below must be reviewed and, if applicable, checked by all offerors, whether they themselves are or are not located in the United Kingdom (U.K.)

(i) ☐ I AM a U.K. firm contracting in excess of \$1 million and the estimated total of levies contained in the offered price is: \$_____.

(ii) ☐ I expect to award one or more subcontract(s) totaling over \$1 million to a U.K. vendor.

(b) The offeror shall identify each U.K. subcontractor applicable to the statement at (ii) above in the space provided below.

Name	Address	Est. Value Of Subcontract	Est. Total of Levies Incl. In Price

(c) The Government intends to secure a waiver of all levies contained within the proposed price of supply contracts and subcontract(s) with U.K. firms. In the event such levies are waived, the Government and Contractor will execute a modification to this contract to reflect the dollar reduction as a result of the waiver.

(d) It is understood and agreed that the offeror's failure to complete the above certification shall constitute a representation that the offeror (i) is not a U.K. contractor, and (ii) will not execute any subcontracts valued over \$1 million with U.K. subcontractors.

[End of Provision]

K-30	52.245-4004 (TACOM)	REPRESENTATION OF GOVERNMENT-OWNED PROPERTY FOR POSSIBLE USE	JAN/1991
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The offeror represents that there:

☐ is
☐ is not

Government-owned property in its plant(s), or in the plant(s) of any of its prospective subcontractors, which, assuming authorization for its use,

☐ will

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page126 of 146 REPRINT
--------------------	---	---------------------------

Name of Offeror or Contractor:

- [] will not
[] may or may not (not finally determined as of the date of this offer)

be used in the performance of the contract resulting from this solicitation.

NOTE: Offerors checking is AND will or may or may not above must notify the Government representative listed in Block 7 of the SF 33 at least ten days before the date when offers are due under the solicitation, so that the solicitation can be amended to include the appropriate Government property clause(s). If no such notification is given, authorization for the use of such property in this contract may be denied.

[End of Provision]

K-31 52.247-4010 TRANSPORTATION DATA FOR F.O.B. ORIGIN OFFERS FEB/1994
(TACOM)

(a) Provide the following information for us to use in selecting the most favorable mode of shipment. We'll also use this information in our evaluation of transportation costs.

Offeror represents that:

- (1) Facilities for shipping by rail

- [] are
[] are not

available at the F.O.B. point(s) stated in this solicitation.

- (2) If rail facilities are not available at the F.O.B. point(s), the name and location of the nearest team track is:

(NAME) (LOCATION)

- (3) Facilities for shipping by water

- [] are
[] are not

available at the F.O.B. point(s) stated in this solicitation.

- (4) Facilities for shipping by motor

- [] are
[] are not

available at the F.O.B. point(s) stated in this solicitation.

(5) If there is a Contractor Reimbursable Loading Charge and you didn't include it in the offered unit price in Section B, please indicate it below, per unit:

RAIL:_____/Unit MOTOR:_____/Unit WATER:_____/Unit

CAUTION: GIVE THE COST OF REIMBURSABLE LOADING CHARGE (NOT ALREADY IN THE OFFERED UNIT PRICE) ON A PER UNIT BASIS. THE UNIT OF MEASURE IS AS INDICATED ON THE SCHEDULE PAGE, SECTION B, UNDER THE UNIT COLUMN.

(b) We will consider any charge listed above in the overall transportation evaluation of this solicitation. Unless you fill-in the above information for loading charges, we will consider all costs associated with loading to be included in the item price offered in Section B. These costs include: (i) loading, (ii) blocking, (iii) bracing, (iv) drayage, (v) switching, or (vi) any other service necessary to effect delivery F.O.B. carrier's equipment you've indicated as available and we specify at time of shipment.

(c) If rail facilities aren't available at the designated F.O.B. point(s), rail won't be used unless directed by the Administrative Contracting Officer (ACO). If the ACO tells you rail facilities will be used, we'll adjust the contract price by adding the loading charge filled in above for transportation to the nearest rail facility.

(d) IF YOU DO NOT FILL IN AN ADDITIONAL CHARGE FOR RAIL SHIPMENT ABOVE, YOU AGREE THAT THE CONTRACT PRICE ALREADY INCLUDES ALL

Name of Offeror or Contractor:

CHARGES FOR SUCH SHIPMENTS. THEREFORE, SHIPMENT BY RAIL WILL NOT COST US ANY MORE.

[End of Provision]

K-32	52.247-4011	F.O.B. POINT	SEP/1978
	(TACOM)		

Delivery on F.O.B. origin offers will be F.O.B. Carrier's equipment, wharf, or freight station, at the Government's option, at or near:

- (1) Contractor's Plant:

(City)(State)(ZIP)(County)
- (2) Subcontractor's Plant:

(City)(State)(ZIP)(County)

[End of Provision]

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 128 of 146 REPRINT
---------------------------	---	-----------------------------------

Name of Offeror or Contractor:

SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this address: <http://farsite.hill.af.mil/>

[End of Provision]

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
L-1	52.211-2	AVAILABILITY OF SPECIFICATIONS LISTED IN THE DOD INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) AND DESCRIPTIONS LISTED IN THE ACQUISITION MANAGEMENT SYSTEMS AND DATA REQUIREMENTS CONTROL LIST, DOD 5010.12-L	DEC/1999
L-2	52.211-14	NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE	SEP/1990
L-3	52.215-1	INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITIONS (ALTERNATE I (OCT 1997) AND ALTERNATE II (OCT 1997))	MAY/2001
L-4	52.222-24	PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE REVIEW	FEB/1999
L-5	52.232-13	NOTICE OF PROGRESS PAYMENTS	APR/1984
L-6	252.204-7001	COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE REPORTING	AUG/1999
L-7	252.209-7003	COMPLIANCE WITH VETERANS' EMPLOYMENT REPORTING REQUIREMENTS	MAR/1998
L-8	52.216-1	TYPE OF CONTRACT	APR/1984

The Government contemplates award of a FIRM FIXED-PRICE contract resulting from this solicitation.

[End of Provision]

L-9	52.233-2	SERVICE OF PROTEST	AUG/1996
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(a) Protests, as defined in Section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgement of receipt from:

U.S. Army Tank-automotive and Armaments Command ATTN: AMSTA-AQ, Protest Coordinator Warren, MI 48397-5000	or	HQ, Army Materiel Command Office of Command Counsel ATTN: AMCCC-PL 5001 Eisenhower Avenue Alexandria, VA 22333-0001 Facsimile number (703) 617-5680/617-4999 Voice number (703) 617-8176
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The AMC-Level protest procedures are found at: www.amc.army.mil/amc/command_counsel/protest/protest.html.

If Internet access is not available, contact the Contracting Officer or HQ, AMC to obtain the AMC-Level Protest Procedures.

Telegraphic transmission of protest will not be authorized, unless specifically approved by the PCO.

(b) The copy of any protest shall be received in the U.S. Army Tank-automotive and Armaments Command office designated above within one day of filing a protest with the GAO.

[End of Provision]

L-10	52.233-4001 (TACOM)	HQ-AMC LEVEL PROTEST PROCEDURES	MAY/2000
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(a) Policy: A protest to an AMC forum is a protest to the agency, within the meaning of FAR 33.103. The HQ, AMC-Level Protest Program is intended to encourage an interested party to seek resolution of its concerns within AMC, rather than filing a protest with the General Accounting Office (GAO), or other external forum.

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 129 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

(b) Agency Protest: An AMC Protest may be filed with either, but not both:

- (1) The contracting officer designated in the solicitation for resolution of protests, or,
- (2) HQ, AMC at the address designated below.

(c) Election of Forum: After an interested party protests an AMC procurement to HQ, AMC and while that protest is pending, the protestor agrees not to file a protest with the GAO, or other external forum. If the protestor has filed a protest with the GAO, or other external forum, HQ, AMC-Level protest procedures may not be used and any protest that has been filed will be dismissed.

(d) Protest Decision Authority: The AMC Command Counsel is designated as the HQ, AMC Protest Decision Authority. In the absence of the Command Counsel, the Deputy Command Counsel is designated as the HQ, AMC Protest Decision Authority.

(e) Time for Filing a Protest: HQ, AMC protest shall be filed in accordance with the timeframes set out in FAR 33.103(e). HQ, AMC Office Hours are 8:00 am--4:30 pm Eastern Time. Time for filing any document expires at 4:30 pm, Eastern Time on the last day on which such filing may be made.

(f) Form of Protest: HQ, AMC protest shall include the protestor's name, address and telephone number, including fax number; the solicitation or contract number, identity of the contracting activity and the contracting officer's name; a statement of all legal and factual grounds for protest, including copies of all relevant documents; a request for a ruling; and, a request for relief. All protests must be signed by an authorized representative of the protestor.

(g) Processing of HQ, AMC-Level Protests:

- (1) To file an AMC-level protest, send the protest to:

HQ Army Materiel Command
Office of Command Counsel
ATTN: AMCCC-PL
5001 Eisenhower Ave.
Alexandria, VA 22333-0001

If you have a web browser, you can use the following HTTP to view the complete AMC-level protest procedures:
<http://www.amc.army.mil/amc/cc/protest.html>

(2) Within 10 working days after the protest is filed, the Contracting Officer, with the assistance of legal counsel, shall file with the HQ, AMC Office of Command Counsel, ATTN: AMCCC-PL, an administrative report responsive to the protest. Reports shall be sent by facsimile, over-night mail or hand-delivered, to ensure timely receipt.

(3) The HQ, AMC Protest Decision Authority will issue a written decision within 20 working days after the filing of the protest.

- (4) The written decision will be binding on the Army Materiel Command and its contracting activities.

(5) For good cause shown, the HQ, AMC Protest Decision Authority may grant extensions of time for filing the administrative report and for the issuance of the written decision. When such an extension is granted, the protestor and all interested parties shall be notified within 1 working day of the decision to grant the extension.

(h) Effect of Protest on Award and Performance:

(1) Protests before award: When a protest is filed with HQ, AMC prior to award, a contract may not be awarded unless authorized by the Assistant Deputy Chief of Staff (ADCS) for Acquisition, Contracting and Production Management, HQ, AMC, in accordance with FAR 33.103(f).

(2) Protests after award: When a protest is filed with HQ, AMC within 10 calendar days after award, or within five calendar days of debriefing for any debriefing that when requested was required by FAR 15.806, the contracting officer shall suspend performance. The HQ, AMC ADCS for Acquisition, Contracting and Production Management may authorize contract performance, notwithstanding the protest, upon a written finding that:

-- contract performance will be in the best interests of the United States; or

-- urgent and compelling circumstances that significantly affect the interests of the United States will not permit waiting for a decision from the HQ, AMC Protest Decision Authority.

(i) Remedies: The HQ, AMC Protest Decision Authority may grant any one or combination of the following remedies:

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page130 of 146 REPRINT
--------------------	---	---------------------------

Name of Offeror or Contractor:

- (1) terminate the contract;
- (2) re-compete the requirement;
- (3) issue a new solicitation;
- (4) refrain from exercising options under the contract;
- (5) award a contract consistent with statute and regulation;
- (6) pay appropriate costs as stated in FAR 33.102(b)(2); and
- (7) such other remedies as HQ, AMC Protest Decision Authority determines necessary to correct a defect.

[End of Provision]

L-11 52.209-4008 CAUTION CONCERNING THE PRICING OF FIRST ARTICLE APPROVAL APR/1986
(TACOM)

We caution you to enter prices for first article items and for production items that reflect a fair apportionment of total contract costs, based upon the value we will receive for those items. As the Government, we have the right to determine an offer nonresponsive if it is materially unbalanced as to price. An offer is materially unbalanced as to price when, in the judgment of the Procuring Contracting Officer (PCO), it cites prices that are significantly less than cost for some work, and significantly more than cost for other work.

[End of Provision]

L-12 52.211-4036 FORMAT OF THE TECHNICAL DATA PACKAGE (TDP) APR/2000
(TACOM)

(a) The TDP for the contract item is available only in electronic format via the TACOM Contracting Webpage (contracting.tacom.army.mil). TACOM-Warren has discontinued its practice of providing hard copies (i.e. CD ROM) of technical data packages (TDPs). You must obtain a copy of the TDP for this solicitation via the TACOM Contracting Webpage. For those TDPs not available via the webpage, the TDP will be issued free of charge in CD-ROM format. The CD-ROM includes the necessary software to access, view, and print individual images that are included in the TDP. The CD-ROM can be read in any personal computer that includes a CD-ROM drive. If your company does not have a personal computer with a CD-ROM drive, you can take the CD-ROM disk to any of various commercial computing or copying/printing service, to have hard copies produced.

(b) TDPs available via the TACOM Contracting Webpage may be purchased in CD ROM format for a fee of \$4.60 each. Requests for CD ROMs and payment should be mailed to:

USATACOM
AMSTA-CM-CDD (TDP Requests)
Warren, MI 48397-5000

Make checks payable to the United States Treasury. Points of Contact for this initiative: Terri McGregor at (810) 574-7058 or Rick Khouri at (810) 574-7064.

[End of Provision]

L-13 52.211-4047 NOTICE TO OFFERORS INTENDING TO OFFER OTHER THAN NEW MATERIAL APR/2000
(TACOM) (NEGOTIATED)

(a) We intend to acquire only new material. Unless this contract otherwise requires virgin material or supplies composed of, or manufactured from, virgin material, the contractor shall provide supplies that are new, as defined in this clause.

(b) Definitions:

(1) "New" means composed of previously unused components, whether manufactured from virgin material, recovered material in the form of raw material, or materials and by-products generated from, and reused within, an original manufacturing process; provided that the supplies meet contract requirements, including but not limited to, performance, reliability, and life expectancy.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 131 of 146 REPRINT
Name of Offeror or Contractor:		

(2) "Reconditioned" means restored to the original normal operating condition by readjustments and material replacement.

(3) "Recovered material" means waste materials and by-products that have been recovered or diverted from solid waste including post-consumer material, but such term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

(4) "Remanufactured" means factory rebuilt to original specifications.

(5) "Virgin material" means previously unused raw material, including previously unused copper, aluminum, lead, zinc, iron, other metal or metal ore, or any undeveloped resource that is, or with new technology will become, a source of raw materials

(6) "Residual Inventory" means inventory from a transferred or terminated Government or commercial contract.

(c) Used, reconditioned, remanufactured supplies, unused former Government surplus property, or residual inventory shall not be used unless the contractor has proposed the use of such supplies, and the Contracting Officer has authorized their use.

(d) Offers to provide other than new material shall be submitted to the Contracting Officer for approval:

(1) A proposal to provide unused former Government surplus property shall include a complete description of the material, the quantity, the name of the Government agency from which acquired, and the date of acquisition.

(2) A proposal to provide used, reconditioned, or remanufactured supplies shall include a detailed description of such supplies.

(3) A proposal to provide residual inventory shall include the Government or commercial contract number of the terminated contract and the name of the original contractor.

(e) If the use of used, reconditioned, remanufactured items, unused former Government surplus property, or residual inventory are approved by the Contracting Officer, we may require you to meet specific marking, inspection, and testing requirements beyond those found in this solicitation. We will negotiate these additional requirements with you before award and put them in any resulting contract.

[End of Provision]

L-14	52.215-4003	HANDCARRIED OFFERS - INCLUDING OFFERS DELIVERED BY EXPRESS SERVICES	SEP/1999
	(TACOM)	(NON-US POSTAL SERVICE MAIL)	

(a) All handcarried offers must be in electronic format in accordance with the instructions contained elsewhere in Section L of this solicitation.

(b) Handcarried offers, including offers delivered by express delivery services, shall be submitted to the depository at:

US Army Tank-automotive and Armaments Command
Acquisition Center
Bid Lobby - Building 231, AMSTA-CM-CDD
East 11 Mile Road
Warren, MI. 48397-0001

(c) Offers shall not be addressed to an individual buyer. All offers must be addressed to the Bid Lobby at the above address.

(d) The external delivery envelope or wrapper must be marked with the solicitation number, the specific electronic medium on which the proposal is contained (i.e., 3 1/2" floppy disk, zip disk, CD ROM), and the date and time of the bid opening or closing. Each envelope should contain only one offer.

(e) Directions to the TACOM Bid Lobby: From Van Dyke Avenue, travel westbound on 11 Mile Road; enter the first Arsenal gate immediately west of the railroad tracks on the north side of the street. Take an immediate right and enter the parking lot of the security building. Go into the security building and ask the guard for a bid lobby pass. Exit the security building parking lot by taking a right and then an immediate left. After about 100 feet, take another left and an immediate right into the building 231 parking lot. Find a visitor parking space and enter the building. Signs will direct you to the bid lobby.

(f) Business hours for the Bid Lobby are from 7:30 AM until 4:00 PM, Monday through Friday. All handcarried offers must be time-stamped by a Bid Lobby employee during business hours.

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page132 of 146</p> <p align="center">REPRINT</p>
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Name of Offeror or Contractor:

(g) Handcarried offers not addressed as directed above, which do not reach the Bid Lobby on time for the scheduled solicitation opening or closing, shall be determined to be late in accordance with FAR provision 52.215-1, Instructions to Offerors--Competitive Acquisitions, or FAR 52.214-7, Late Submissions, Modifications, and Withdrawals of Bids.

[End of Provision]

L-15 52.215-4404 DATA AND COMMUNICATIONS SUBMITTED TO THE GOVERNMENT ELECTRONICALLY MAY/2002

(a) The Government often employs contractors as system administrators to operate and maintain Government computer systems. These systems include local area networks, web sites, databases, other electronic records, e-mail accounts, other electronic data transfer mechanisms and computer software. The employees of these contracted system administrators sign nondisclosure agreements obligating them not to reveal information contained in files, documents, computers or systems that they administer. However, unless such information is protected in some way, contracted system administrators do have the ability to access such information.

(b) Potential contractors as well as any other parties are thus advised to take steps needed to prevent access by contracted system administrators to information submitted electronically to the Government. Absent such steps, it is assumed that contracted system administrators are permitted the capability to access the data. The access will be limited to that which is necessary for the contract system administrator to perform its duties for the Government. The access shall be subject to the condition that third party information is not to be revealed by the contracted system administrator.

[End of provision]

L-16 52.215-4405 ACCESS TO THE DETROIT ARSENAL; IDENTIFYING CONTRACTOR EMPLOYEES; NON- NOV/2002
DISCLOSURE STATEMENT

1. This requirement is only applicable to contractor employees working at, or visiting, Detroit Arsenal. The term "contractor employee" includes employees, agents, or representatives and all employees, agents or representatives of all subcontractors and suppliers.

2. (A) Badges/Passes: Contractor employees entering the Detroit Arsenal are responsible for obtaining, and then returning, security identification badges/passes and vehicle registration decals/passes. Badges are valid only for the date spans indicated, by the Government, on each badge application form (STA Form 15 or 4109).

(B) Obtaining Badges:

"PICTURE" badges (generally issued to longer term visitors):

Furnish the Requiring Office or Procuring Contracting Officer (PCO) with two (2) copies, fully completed (those sections for each applicant), and signed, of STA Form 15 for each applicant;

"NON-PICTURE" badges (generally issued to shorter term visitors):

Upon arriving at the Detroit Arsenal at the TACOM Public Safety Office, Bldg. 232, complete a STA Form 4109 for the specific short term visit in question.

(C) Returning Badges (to the TACOM Public Safety Office, Building 232).

--Return Non-picture badges upon its expiration date.

--Return Picture badges within (3) three business days of any of the following:

The access-expiration date specified on the STA Form 15

If the contract is terminated, the date of termination;

If a visiting contractor employee is released, the date of employee release.

--Failure to comply with the requirements of this paragraph 2C may

be grounds for withholding any funds due the contractor until completion of the requirement, notwithstanding any other clause or requirements in the contract. Failure to comply may also be taken into account by the Government in evaluating the contractor's past performance on future acquisitions .

(D) All contractor employees, while on the premises at TACOM Warren, shall continually wear the badge, which shall be visible at all times.

(E) The identification badge or pass issued to employees of the contractor is for his own use only. Misuse of the badge or pass, such as permitting others to use it will result in criminal charges under Title 18 USC 499 and 701, and barring the employee from the Detroit Arsenal property.

(F) If the contractor obtains a new or follow-on contract that again requires physical access to the Detroit Arsenal property, he shall obtain new badges for his employees, indicating the new or follow-on contract number. The security policies described in this clause apply to any contractor employee on base in connection with any contract with TACOM-Warren.

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 133 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

3. At the discretion of the Detroit Arsenal Commander, any individual known to have a criminal background involving violence may be denied access to the Detroit Arsenal. Fingerprinting of employees and any other procedure deemed necessary for the security of Detroit Arsenal may be required at the discretion of Detroit Arsenal Public Safety Office.

4. Any contractor employee attending meetings with Government employees within or outside the Detroit Arsenal boundaries, shall, at the beginning of the meeting, announce that he/she is a contractor employee. He/she must state the Contractor's name and address, and state the name of all other companies or persons that (a) currently employ him, or (b) that he currently represents. In addition, for the duration of the meetings, the contractor employee shall wear a second visible badge that displays the contractor's company name.

5. If a visiting contractor is working on a classified contract, his/her visit request, with security clearance information, must be approved by the Detroit Arsenal Industrial Security Specialist and be held on file the Detroit Arsenal Intelligence and Security Division. Government employees hosting meetings will verify that the contractor employees security clearance information is on file in the Detroit Arsenal Intelligence and Security Division prior to contractor access to classified information.

6. All contractor employees working on the U.S. Army installation, Detroit Arsenal, in the State of Michigan, in connection with this contract, shall conform to all applicable federal or state laws, and published rules and regulations of the Departments of Defense and Army. Also, they must comply with any existing applicable regulations promulgated by Detroit Arsenal. Additionally, all contractor employees working on classified contracts shall comply with the requirements of the National Industrial Security Program (NISPO) and Army Regulation 380-5, Department of the Army Information Security Program.

7. Each contractor employee working at the Detroit Arsenal property under this contract shall sign a Non-disclosure Agreement on their company's letterhead prior to commencing work under the contract or obtaining the badges permitting access to the property. There will be one Non-disclosure Agreement for each employee. The Non-disclosure Agreement shall be in the format indicated below. A copy of the agreement will be made a part of the contract file.

FORMAT FOR
NON-DISCLOSURE AGREEMENT

I, _____, an employee of _____, a Contractor providing support services/supplies to Detroit Arsenal or its tenants (hereinafter Detroit Arsenal), and likely to have access to nonpublic information (hereinafter RECIPIENT), under contract number _____, agree to and promise the following:

WHEREAS RECIPIENT is engaged in delivery support services to Detroit Arsenal under contract; and

WHEREAS, It is the intention of Detroit Arsenal to protect and prevent unauthorized access to and disclosure of nonpublic information to anyone other than employees of the United States Government who have a need to know; and, WHEREAS, Detroit Arsenal acknowledges that RECIPIENT will from time to time have or require access to such nonpublic information in the course of delivering the contract services; and,

WHEREAS, RECIPIENT may be given or other have access to nonpublic information while providing such services; and,

WHEREAS, "nonpublic information" includes, but is not limited to such information as:

Proprietary information (e.g., information submitted by a contractor marked as proprietary. However please note: THIS NON-DISCLOSURE STATEMENT IS NOT SUFFICIENT TO ALLOW CONTRACTORS ACCESS TO ANOTHER CONTRACTORS PROPRIETARY INFORMATION. FOR THAT, A SEPARATE CONTRACTOR TO CONTRACTOR AGREEMENT IS REQUIRED.);

Advanced procurement information (e.g., future requirements, statements of work, and acquisition strategies);

Source selection information (SSI) (e.g., bids before made public, source selection plans, and rankings of proposals)(PLEASE NOTE: THIS AGREEMENT ALONE DOES NOT AUTHORIZE ACCESS TO SSI--ONLY PCO OR SOURCE SELECTION AUTHORITY CAN AUTHORIZE SUCH ACCESS.);

Trade secrets and other confidential business information (e.g., confidential business information submitted by the contractor);

Attorney work product;

Information protected by the Privacy Act (e.g., social security numbers, home addresses and telephone numbers); and

Other sensitive information that would not be released by Detroit Arsenal under the Freedom of Information Act (e.g., program, planning and budgeting system information);

NOW THEREFORE, RECIPIENT agrees to and promises as follows:

RECIPIENT shall not seek access to nonpublic information beyond what is required for the performance of the support services contract;

RECIPIENT will ensure that his or her status as a contractor employee is known when seeking access to and receiving such nonpublic information of Government employees;

As to any nonpublic information to which RECIPIENT has or is given access, RECIPIENT shall not use or disclose such information for any purpose other than providing the contract support services, and will not use or disclose the information to any unauthorized person or entity for personal, commercial, or any unauthorized purposes; and

If RECIPIENT becomes aware of any improper release or disclosure of such nonpublic information, RECIPIENT will advise the contracting officer in writing as soon as possible.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 134 of 146 REPRINT
Name of Offeror or Contractor:		

The RECIPIENT agrees to return any nonpublic information given to him or her pursuant to this agreement, including any transcriptions by RECIPIENT of nonpublic information to which RECIPIENT was given access, if not already destroyed, when RECIPIENT no longer performs work under the contract.

RECIPIENT understands that any unauthorized use, release or disclosure of nonpublic information in violation of this Agreement will subject the RECIPIENT and the RECIPIENT's employer to administrative, civil or criminal remedies as may be authorized by law.

RECIPIENT: _____ (signature)

PRINTED NAME: _____

TITLE: _____

EMPLOYER: _____

[End of clause]

L-17 52.215-4502 PARTNERING

APR/1999

(a) In an effort to most effectively accomplish the objectives of this contract, it is proposed that the Government, the contractor, and it's major subcontractors engage in the Army Materiel Command (AMC) Model Partnering process.

(b) Participation in the AMC Model Partnering process is entirely voluntary and is based upon a mutual commitment between Government and industry to work cooperatively as a Team to identify and resolve problems and facilitate contract performance. The primary objective of the process is providing the American soldier with the highest quality supplies/services on time and at a reasonable price. It is a relationship that is based upon open and continuous communication, mutual trust and respect, and the replacement of the "us vs. them" mentality of the past with a "win-win" philosophy for the future. Partnering also promotes synergy, creative thinking, pride in performance, and the creation of a shared vision for success.

(c) After contract award, the Government and the successful offeror will decide whether or not to engage in the AMC Model Partnering process. Accordingly, offerors shall not include any anticipated costs associated with the implementation of the AMC Model Partnering process in their proposed cost/price (e.g. cost of hiring a facilitator and conducting the Partnering Workshop). If the parties elect to partner, any costs associated with that process shall be identified and agreed to after contract award.

(d) The establishment of a Partnering arrangement does not affect the legal responsibilities or relationship of the parties and cannot be used to alter, supplement or deviate from the terms of the contract. Any changes to the contract must be executed in writing by the Contracting Officer.

(e) Implementation of this Partnering relationship will be based upon the AMC Model Partnering process, as well as the principles and procedures set forth in the AMC Partnering Guide.

(End of provision)

L-18 52.215-4850 ELECTRONIC OFFERS REQUIRED IN RESPONSE TO THIS SOLICITATION
(TACOM)

JUL/2001

(a) You must submit your offer via paperless electronic media (See Paragraph (b) below.). Offers submitted in paper form are unacceptable. You must submit your electronic offer, and any supplemental information (such as spreadsheets, backup data, and technical information), using any of the following electronic formats:

(1) Files readable using these Microsoft* 97 Office Products (TACOM can currently read OFFICE 97* and lower.): Word, Excel, Powerpoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print image is not acceptable. Executable files, other than self-extracting compressed files, are unacceptable.

(2) Files in Adobe PDF (Portable Document Format). Scanners should be set to 200 dots per inch.

(3) Files in HTML (Hypertext Markup Language). HTML documents must not contain active links to live Internet sites or pages. All linked information must be contained within your electronic offer and be accessible offline.

(4) Other electronic formats. Before preparing your offer in any other electronic format, please e-mail the buyer identified in Block 10 of the solicitation cover sheet (Government Standard Form 33), with e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the buyer not later than ten calendar days before the closing date. Failure to e-mail the buyer within this timeframe to seek an alternate format's acceptability may result in rejection of your offer. All alternate methods must be at no cost to the Government.

NOTE: The above formats may be submitted in compressed form using self-extracting files.

(b) Acceptable media: You must submit your offer via 100 megabyte or 250 megabyte Zip*-disk, or 3 1/2 inch disk, or 650 megabyte CD ROM, E-mail, or datafax. Identify the software application, and version, that you used to create each file submitted. The word "datafax" used in this clause means "facsimilie" as defined at FAR 52.215-5.

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page135 of 146</p> <p align="center">REPRINT</p>
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Name of Offeror or Contractor:

(1) 100 OR 250 MEGABYTE ZIP*-DISK, 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM via U.S. Mail or other carrier. Offerors shall label any and all submitted disks with the solicitation number and closing date, and the offeror's name and address and contact phone number. Envelopes containing disks must be labeled per FAR 52.215-1(c), found within the provision, "Instructions to Offerors--Competitive Acquisition", listed in Section L. Your attention is also called to the entirety of that provision--all contained therein is applicable to paperless electronic offers. In the event of multiple submitted offers, place each offer/submission on its own disk(s)(one offer can comprise multiple disks). You must also submit only one offer/submission per envelope. Notwithstanding language in Block 9 of the SF 33 cover sheet of this solicitation that may state otherwise, submit ONLY ONE (1) of each disk (no additional copies required).

(2) E-MAIL. If you choose to use e-mail, address your offer to offers@tacom.army.mil. DO NOT E-MAIL OFFERS TO THE BUYER. THE SUBJECT LINE OF THE E-MAIL MUST READ: "OFFER--[solicitation number], [name of Company/offeror], CLOSES [closing date]". Maximum size of each e-mail message shall be three and one-half (3.5) megabytes. Any compressed files must be self-extracting, and you must provide appropriate instructions. You may use multiple e-mail messages for each offer/submission, however, you must annotate the subject lines as described above for each message, and number them in this manner: "Message 1 of 3, 2 of 3, 3 of 3".

(3) DATAFAX. Faxed offers MUST BE SENT TO TACOM'S NETWORK FAX SERVER ON 1-586-574-5527. DO NOT FAX OFFERS TO THE BUYER. SIMILARLY, DO NOT ADDRESS THE FAX TO THE BUYER. YOU MUST ADDRESS THE FAX TO THE ATTENTION OF offers@tacom.army.mil AS THIS IS THE LOCATION WHERE YOUR FAX MUST BE RECEIVED. THE COVER PAGE OF THE FAX MUST CLEARLY INDICATE THAT THE FAX SHOULD BE SENT TO offers@tacom.army.mil.

Paper faxes are not acceptable. Transmit only one offer for each datafax transaction. Clearly identify the offer as such on your fax cover page or via your PC, include your company's name, and state the proper internal TACOM address: offers@tacom.army.mil. Offerors may send a fax using a personal computer or standalone fax machine, but it must be sent to the above number. If you use a standalone fax machine, you won't receive a confirmation of receipt. See paragraph (e) below for the minimum requirements of your offer. Maximum size of datafax offers is three and one-half megabytes (3.5MB), the same limitation as that for e-mail offers. For your datafax, use the same subject line as that for e-mails as indicated above: "OFFER--[solicitation number], [name of your Company/offeror], CLOSES [closing date]".

Please select only one medium by which to transmit each offer. For instance, do not submit an offer via 100 or 250 megabyte Zip*-disk AND e-mail.

(c) Lateness rules for submitted disks, e-mail, or datafax submissions are outlined in FAR 52.215-1, "Instructions to Offerors--Competitive Acquisition", listed in Section L of this solicitation. Pay particular attention to paragraph (c)(3) of that clause as it relates to the timing of e-mail or datafax submissions.

(d) Security Note: If you choose to password-protect access to your offer, you must provide the password to TACOM before the closing date. Contact the buyer identified in Block 10 of the SF33 solicitation cover sheet to arrange a means of providing it. Passwords used only for the purpose of write protecting files need not be provided.

(e) Electronic offers must include, as a minimum:

(1) The SF33 cover sheet filled out. SIGNATURE: For offers submitted via disk or CD ROM per (b)(1) above, this SF 33 cover sheet must be signed and included electronically in your disk or CD. Clearly label the disc/CD ROM as described in paragraph (b)(1) above, adding the name and title of the signer authorizing your company, your company name, and then sign the LABEL itself. Datafaxed offers also must include a signed SF 33 cover sheet. E-mailed offers must also include a signed SF 33 cover sheet that can be either faxed or scanned. If faxed to the TACOM Network Fax Server (1-586-574-5527), you must annotate that it is being submitted together with your e-mailed offer. If scanned, attach it to your e-mail offer (or first e-mail message if you are sending multiple e-mails due to length).

(2) All applicable fill-in provisions from Sections A, B, F, and K of this solicitation. You may find Word versions of Section K provisions requiring your fill-in on our TACOM Business Opportunities webpage (<http://contracting.tacom.army.mil/mastersol/sectionk.htm>). You can fill them in and attach them to your offer. See the solicitation for which provisions are required. Also, Section E provisions filled in (if applicable): Inspection Point: Origin, TACOM clause 52.246-4028. All applicable fill-ins must be completed and submitted by the offeror.

(3) A statement of agreement to all the terms, conditions, and provisions of this solicitation.

(4) Any other information required by the solicitation.

(f) Please see FAR 15.207(c) for a description of the steps the Government shall take with regard to unreadable offers.

(g) Offerors shall make every effort to ensure that their offer is virus-free. Offers (or portions thereof) submitted which DO reflect the presence of a virus, or which are otherwise rendered unreadable by damage in either physical or electronic transit, shall be treated as "unreadable" per paragraph (f) above.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 136 of 146 REPRINT
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Name of Offeror or Contractor:

*Registered trademark

[End of Provision]

L-19 52.219-4003 HELP FOR SMALL, DISADVANTAGED AND WOMAN-OWNED FIRMS JUN/1997
(TACOM)

(a) Procurement Technical Assistance Centers (PTACs). The Federal Government has established over 100 PTACs around the nation to help small vendors do business with the Defense Department and other Government agencies. PTACs offer most of their services FREE OF CHARGE.

(b) PTACs provide their clients with...

- marketing advice
- information on sales opportunities and partnering prospects
- help with preparing offers
- matching your firm's services and products to Government requirements
- copies of Government specifications (sometimes for a fee)
- post-award guidance
- referrals to other business assistance resources
- newsletters, which typically discuss Government policy changes and upcoming seminars and trade fairs

(c) To find the PTAC nearest you, visit <http://www.dla.mil.ddas.default.htm> on the World Wide Web.

[End of Provision]

L-20 52.233-4000 NOTICE REGARDING TACOM OMBUDSPERSON AND AMC-LEVEL PROTEST PROGRAM AUG/1999
(TACOM)

(a) At the Tank-automotive and Armaments Command (TACOM) we have an ombudsperson office, which builds an extra communication avenue that our contractors can use.

(b) If you think that this solicitation contains inappropriate requirements, needs streamlining, or should be changed, you should first contact the buyer or the Procuring Contracting Officer (PCO).

(c) The buyer's name and phone number are on the cover page (SF 1449) of this solicitation in block number 7.

(d) If the buyer or PCO doesn't respond to the problem to your satisfaction, or if you want to make comments anonymously, you can contact the Ombudsperson's Office. Our Ombudsperson is Ms. LaRuth Shepherd. Her address, e-mail and phone number are:

U.S. Army TACOM
AMSTA-AQ-C (Ms. Shepherd)
Warren, MI 48397-5000

shepher1@tacom.army.mil

(586) 574-6597 or 6547

(e) If you contact Ms. Shepherd, please provide her with the following information:

- (1) TACOM solicitation number;
- (2) Name of PCO;
- (3) Problem description;
- (4) Summary of your discussions with the buyer/PCO.

(f) Another avenue you can use, if you wish to protest some feature of this acquisition, is to protest to TACOM's headquarters, the Army Materiel Command. The AMC-level protest program encourages interested parties to seek resolution of their concerns within AMC as an Alternative Dispute Resolution forum, rather than filing a protest with the General Accounting Office or other external forum. Contract award or performance is suspended during an AMC-level protest to the same extent, and within the same time periods, as would apply to a protest filed with the GAO. The AMC program has a goal of resolving protests within 20 working days from the date of filing. To be timely, AMC-level protests must be filed within the periods specified in subpart 33.103 of the Federal Acquisition Regulation.

(g) To file an AMC-level protest, send the protest to:

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page137 of 146 REPRINT
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Name of Offeror or Contractor:

HQ Army Materiel Command
Office of Command Counsel
ATTN: AMCCC-PL
5001 Eisenhower Ave.
Alexandria, VA 22333-0001

Voice Phone: (703)-617-8176
Fax Phone: (703)-617-4999 or 5680.

If you have a web-browser, you can use the following HTTP to view the complete AMC-level protest procedures:

www.amc.army.mil/amc/command_counsel/protest/protest.html

[End of Provision]

L-21	52.245-4002 (TACOM)	ACQUISITION OF NEW FACILITIES, SPECIAL TEST EQUIPMENT, OR SPECIAL TOOLING	MAR/1996
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(a) It is not the intent of the Government to acquire, or to have acquired for its account, any facilities, special test equipment, or special tooling as those terms are defined below. The Government shall under no circumstances reimburse the offeror for the cost of any new facilities, special test equipment, or special tooling as a separate item. An offeror may, however, amortize the cost of any such facilities, special test equipment, or special tooling it may require in the submitted price of the items. Such facilities, special test equipment or special tooling shall not be subject to Government option rights to take title to the same except as specified in the DEFAULT, TERMINATION FOR THE CONVENIENCE OF THE GOVERNMENT, and/or PROGRESS PAYMENT clauses of this contract.

(b) As used in this solicitation/contract, FACILITIES means industrial property (other than material, special tooling, military property, and special test equipment) for production, maintenance, research, development, or test, including real property and rights in it, buildings, structures, improvements, and plant equipment.

(c) As used in this solicitation/contract, SPECIAL TEST EQUIPMENT means either single or multipurpose integrated test units engineered, designed, fabricated, or modified to accomplish special purpose testing in the performance of the contract. Such testing units comprise electrical, electronic, hydraulic, pneumatic, mechanical, or other items or assemblies of equipment, that are mechanically, electrically, or electronically interconnected so as to become a new functional entity, causing the individual item or items to become interdependent and essential in the performance of special purpose testing in the development or production of particular supplies or services. The term SPECIAL TEST EQUIPMENT does not include: (1) material; (2) special tooling; (3) buildings and nonseverable structures (except foundations and similar improvements necessary for the installation of special test equipment); and (4) plant equipment items used for general plant testing purposes.

(d) As used in this solicitation/contract, SPECIAL TOOLING means all jigs, dies, fixtures, molds, patterns, taps, gauges, other equipment and manufacturing aids, and their replacements, which are of such a specialized nature that, without substantial modification or alteration, their use is limited to the development or production of particular supplies or parts of them, or the performance of particular services. The term includes all components of such items, but does not include: (1) material; (2) special test equipment; or (3) buildings, and nonseverable structures (except foundations and similar improvements necessary for the installation of special tooling), general or special machine tools, or similar capital items.

[End of Provision]

L-22	52.246-4051 (TACOM)	OFFEROR'S QUALITY ASSURANCE SYSTEM (ALT I)	FEB/1998
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(a) This solicitation will result in a contract that will require you to use a quality-assurance system to ensure the quality of the purchased items.

(b) To allow TACOM to analyze your proposed quality system, especially if that system is not based on a national or international standard, you must identify your system as part of your response to this solicitation. Section E of this solicitation includes a clause that asks you to identify what quality assurance system you will use if awarded the contract.

(1) If you indicate that your quality system conforms to ISO 9001, or to QS 9000, or to ANSI/ASQ 9001, this is a sufficient description: you need not further describe your quality system in your response to the solicitation.

(2) If your quality system does not conform to any of the standards listed in (b)(1) immediately above, then in addition to identifying the name of the quality system you intend to use, you also must provide a description of your proposed system, in enough

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page138 of 146</p> <p align="center">REPRINT</p>
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Name of Offeror or Contractor:

detail to let us assess its suitability for use in performing the resulting contract. This is of particular importance if your proposed system is unique, using quality control methods and techniques that your company has developed in-house. (Note, however, that if the quality system you intend to use is one that conforms to MIL-Q-9858 or another comparable military specification or standard, you don't need to send us a copy of the standard: just identify which standard you intend to use. Note further, that quality systems conforming to ISO 9002 or MIL-I-45208 or comparable are NOT acceptable for this contract.)

- (3) If you provide a description of your quality system, make sure that your description covers how your system:
- achieves defect prevention, and
 - provides process control, and
 - ensures adequate quality controls throughout all areas of performance.

If some of the features of your system are described in other forms (brochures, for example, or articles), you may attach a copy of such items to your response to this solicitation. If your system is described in a textbook or publication that is available from a commercial or academic distributor, include a reference to the publication by author, title, copyright date, and publisher in your system description. You need not physically attach a copy of a textbook to your offer.

- (c) If you already described your quality system as an attachment to another TACOM solicitation within the previous 90 days, you can either send us another copy, or simply identify the number of the previous solicitation.
- (d) If you do not provide us a description of your quality system, or if the description you send does not show all of the required features as stated in paragraph (b) above, your offer may be ineligible for award.

[End of Provision]

PROPOSAL INSTRUCTIONS

Offerors should see Clause L-18 (52.215-4850, TACOM). The offerors shall submit proposals in 4 volumes. The volumes should be clearly labeled as Vol. I Solicitation, Vol. II Capability Area, Vol. III Past Performance Area, Vol. IV Price Area.

Volume I - Solicitation

Volume II -Capability Area:

The offeror is responsible for including sufficient detail without reference to cost or price to permit a complete and accurate evaluation of their proposal strictly for the Capability Area. The Capability Area volume should be specific, detailed, and complete to clearly and fully demonstrate that the offeror has a thorough understanding of all the technical requirements of the effort. The Capability Area volume should only address information necessary to evaluate and assess the offerors proposal for the criteria set forth in Section M, and should avoid unrelated claims and statements. Elaborate format and superfluous information are not desired. Clarity and completeness are essential. All data required for evaluation of the Capability Area should be included in the volume.

L.1 Capability Area

L.1.1 Element 1, SDD Design concept:

L.1.1.1 Factor 1, Stability of Load and Transportability. Offerors shall submit required DADS data for modeling (see Solicitation Attachment C and PD paragraph 3.5.1) and, if offerors propose systems that will meet the desired capabilities related to transport by rail without restriction when full (PD Paragraph 3.6.1.6) and/or for Low Velocity Air Drop (PD paragraph 3.6.1.5), they shall submit drawings, calculations, analyses, or any other quantitative data supporting the capability to meet the desired capability.

L.1.1.2 Factor 2, Thermal Regulation of Payload and Dispensed Water (PD paragraphs 3.4.14, 3.5.14.1, 3.5.15 and 3.5.15.2), Dispensing of Water (PD paragraph 3.5.15.1), and Loading of Water (PD paragraph 3.5.20). For thermal regulation of payload and dispensed water, the offerors shall provide an analysis and design details supporting that the proposed design will meet the extreme climatic operational requirements. Information provided by offerors will illustrate the proposed systems ability to receive, store, dispense, and transport water, under conditions of minimum and maximum temperature, with wind chill considered. Supporting information will include: thermal (heat balance) and flow analyses showing how the proposed design will meet requirements, drawings and sketches of major system components, manufacturer's specifications on components, and details of the heating and cooling system(s). Analyses must detail assumptions made and be presented in a format permitting evaluators to clearly understand. If offerors propose systems that will meet the desired capabilities related to dispensing of water, and loading of water, the offerors shall provide analysis and design details, including any flow analyses, calculations, or other technical information and support necessary to demonstrate their capability to meet these desired capabilities.

L.1.1.3 Factor 3, Chlorination and Potability Maintenance (PD paragraphs 3.3.1 and 3.5.5, respectively). Offerors shall provide

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p style="text-align: center;">Page 139 of 146</p> <p style="text-align: center;">REPRINT</p>
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Name of Offeror or Contractor:

design details of how the proposed system meets requirements to store and allow addition of chlorination compounds, and mix compounds in payload. Offerors shall provide design details of how the system will withstand long-term effects of chlorination compounds, and how the system will be cleaned. Supporting information will include but not be limited to sketches or drawings, material specifications for all components contacting the water payload, component product descriptions, vendor certifications, written procedures, and all design calculations.

L.1.1.4 Factor 4, NBC survivability (PD paragraph 3.12). Offerors shall provide detailed description of how the proposed system will prevent contamination of payload (water) by Nuclear, Biological and Chemical agents and decontaminants. Any procedures for protecting the system from NBC attack will be documented as well as procedures for protecting the system from the effects of decontamination. Supporting information will include but not be limited to sketches or drawings, material specification, written procedures, material parts lists, component product descriptions, vendor certifications, and all design calculations.

L.1.2 Element 2, Manufacturing Facilities and Resources. Offerors shall provide detailed descriptions of the facilities that you propose to use for manufacturing the Camel. Provide detailed drawings, size and layout of facilities, location near shipping (rail and truck), and equipment and tooling (specifically intended for use in Camel production). If you do not have the facilities you will need to manufacture the Camel, please detail what facilities you propose to obtain, including equipment, when you will obtain it, any lease and options on leases, contracts, other information regarding your plans to obtain the facilities, and all the information required above. If you propose to use a subcontractor to support Also address the availability of skilled labor (for example, welders) to manufacture the Camel, either now or at the time manufacturing will take place. Describe and explain your capability and capacity to meet the highest annual quantity of systems required in Section B. If you intend to use a subcontractor to support manufacture of Camel systems, please provide the same information as above. It is not necessary to provide this information for component vendors.

L.1.3 Element 3, Realism of Logistics Effort. Offerors shall provide spreadsheets detailing the labor categories, labor category mix, and labor hours for each of the data requirements listed in this paragraph. Offerors shall provide written rationale supporting their labor hours, categories and mix to perform the required development and delivery of the required data. Offerors shall provide the necessary data to evaluate performance for the following data requirements: technical manuals (C.13 and C.21.2 through C.21.7.1), training materials (C.27), Logistics Management Information Data Products (inclusive of the Maintenance Allocation Chart, Tool and Test Equipment List, Pre-procurement Screening, Engineering Data for Provisioning, Long Lead-Time Items List, Recommended Spare Parts List, Design Change Notice, and Provisioning Parts List) (C.22), and Packaging Documentation (C.24).

3. Volume III - Past Performance Area

L.2 Past Performance:

L.2.1 Provide information for your recent, relevant contracts, and those of your proposed significant subcontractors, including Federal, State, and local Government and private industry contracts. Significant subcontractors are subcontractors, exclusive of raw material or component suppliers, whose total work contribution exceeds 10% of the total proposed price. Recent contracts are those with any performance that has taken place approximately within the three (3) years prior to the date this solicitation was issued. Relevant contracts are those that are similar in scope (products and/or processes) to the requirements of this solicitation, particularly contracts showing the offerors and their significant subcontractors previous performance of prototype design, especially related to US military or commercial automotive systems, road transportable potable water storage systems and potable water thermal regulating equipment, volume manufacturing of production systems, especially for production of trailer mounted systems (including water storage systems) and production of potable water thermal regulating systems, performance of logistics requirements, and delivery of data requirements. Do not provide past performance information for subcontractors who do not meet the definition of significant. Do not provide past performance information for contracts that do not meet the definition of recent.

L.2.1.1. For each of your recent relevant past contracts you should provide the following information. It is important to provide complete information, and to avoid providing information on contracts that do not represent relevant performance within the last three years.

- a. Contract Number.
- b. Contract type.
- c. Award Price/Cost
- d. Original delivery schedule.
- e. Final, or projected final, delivery schedule.
- f. Your (and any significant subcontractors) CAGE and DUNNS numbers
- g. Government or commercial contracting activity address, e-mail address and telephone number.
- h. Procuring Contracting Officer's (PCO's) name, e-mail address and telephone number.
- i. Government or commercial contracting activity technical representative, or COR, , e-mail address and telephone number.
- j. Government or commercial contracting activity, and the name, e-mail address and telephone number of the Administrative Contracting Officer (ACO).
- k. Description of scope of work requirements and a discussion of similarities between the contract scope and the scope of this solicitation.
- l. Description of objectives achieved to date on the contract. Include an explanation of instances where technical or schedule requirements were not met, and any corrective actions taken to avoid such problems in the future.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 140 of 146 REPRINT
Name of Offeror or Contractor:		

L.2.1.2 Cancellations and terminations: Identify any recent contracts which have been terminated or canceled for any reason, in whole or in part. Include prime contracts and contracts under which you were a subcontractor. Provide the information requested in paragraph 1 above for any of these contracts. If there were no cancellations or terminations, please state that.

L.2.1.3 Corporate entities: If any contract listed in 1 above was performed by a corporate entity or division other than the corporate entity or division that would perform work under the instant RFP, please identify them and indicate to what extent those entities will perform this effort. If they have relocated or changed ownership since performance of the listed efforts, please describe any differences in terms of personnel, facilities, or equipment from those expected to perform this effort.

L.2.1.4 Key Personnel: If you have limited or no recent or relevant past performance, but have key personnel who will be playing a significant role in this contract performance and who have had significant and similar responsibilities in conjunction with recent, relevant contracts or subcontracts of a previous employer, we may consider the performance of these individuals in our evaluation of performance risk. In order for us to consider such performance, please identify these key personnel, their roles and responsibilities for their previous employer and their roles and responsibilities as planned for the current requirement. Also provide similar information (L.2.1.1, above) about the contracts that these key personnel were involved in, the name of the previous employer, and a point of contact for verification (name and telephone number).

L.2.1.5 Predecessor Companies: Likewise, if you or a significant subcontractor only have relevant and recent performance history as a part of a predecessor company, we may consider that past performance in our evaluation of performance risk. Please provide the information identified in 1 through 3 above for those recent, relevant contracts of that predecessor company.

L.2.1.6 We may use data you provide and data we gather from other sources to evaluate past performance. Since we may not interview all the sources you provide, it is incumbent upon you to explain all the data you provide. If we find past performance problems as a result of the data you provide, we will not assume the responsibility to find other data which mitigates or resolves the problems. That burden, of providing thorough and complete past performance information, remains with you. We may assign a "higher risk" rating to your proposal or reject your proposal if it does not contain the information requested.

L.2.1.7 All offerors who have performed a contract, within three years of the date of release of this RFP, which included FAR 52.219-8 (Note: Virtually all Federal Government Contracts include FAR 52.219-8) shall provide information substantiating compliance with the requirements of FAR 52.219-8. Substantiation may include providing (1) a description of any methods or techniques used to promote small business participation through subcontracting; and/or (2) any listings of U.S. small business concerns who are subcontracting candidates; and/or (3) a description of the internal procedures used to foster and/or monitor participation by small business subcontractors during contract performance; and/or (4) any information substantiating prior compliance with the requirements of FAR 52.219-8; and/or (5) identification of actual supplies/services to be subcontracted to U.S. small business concerns, on the instant action, to include the name and type of small firm (small business (SB), veteran-owned small business (VOSB), service-disabled veteran-owned small business concerns (SVOSB), HUBZone small business (HUBZ SB), small disadvantaged business (SDB), and woman-owned small business (WOSB).

If the offeror has not performed a contract over the past three years which included FAR 52.219-8, the offeror shall so state.

4. Volume IV - Price Area

L.3 Price

L.3.1 Contents of the Offer, Price Area: The Price Volume shall include supporting information/data in sufficient detail to enable the Government to evaluate the reasonableness and realism of the Offerors proposed prices.

L.3.1.1 The instructions that follow are not intended to be restrictive or all-inclusive. Offerors may submit any other price and financial information considered helpful in the evaluation of the Price proposal.

L.3.1.2 The Price volume shall be provided in both hardcopy and electronic formats, to expedite Government review of the proposals. Spreadsheet files shall be Microsoft Excel 97 format. Supporting narrative shall be provided in Microsoft Word 97 format. The proposal shall clearly separate out supporting Price information for each CLIN and each unique Camel unit price.

L.3.1.3 Price and all elements of cost are to be stated in United States (U.S.) dollars only, for both the prime contractor and any potential subcontractors. The Offeror shall state the exchange rate (if applicable) being used to convert any currency to U.S. dollars.

L.3.1.4 The offerors shall provide information for each proposed firm-fixed unit price for a Camel system (CLINs 0002AB, 0003AA, 0004AA, 0005AA, 0006AA). The offerors shall provide information for each proposed firm fixed price for the SDD units and related services and data requirements (CLIN 0001AA). The offerors shall provide information for each proposed firm fixed price for the FAT units and related services and data requirements (CLIN 0002AA).

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 141 of 146 REPRINT
Name of Offeror or Contractor:		

L.3.1.4.1 The Offeror shall submit the following supporting Price information for each proposed Camel unit price (Submit separate supporting information for each unique proposed unit price. Submit the information in terms of Price per-one-Camel-system):

- a. Total direct labor hours
- b. High-Dollar Value Material: For the fifteen material items with the highest extended material cost (extended material cost of item = unit material cost of item multiplied by quantity needed per one Camel system), the Offeror shall provide the following information:
 - (1)Item Name/Description/Part Number/Vendor, if applicable.
 - (2)Unit Material Cost of item (without indirect cost).
 - (3)Quantity Needed per Camel system.
 - (4)Extended Material Cost (Unit material cost multiplied by quantity needed per one Camel system).
 - (5)Basis for Cost (Engineering estimate, quote, purchase history, etc.).
 - (6)Indicate whether component is sole-source, competitive, or commercial.
- c. Subcontracts: Indicate the subcontract price proposed for each subcontractor, the name of the subcontractor, and a description of what item/effort the subcontractor would provide. Subcontracted items include services, parts, components, or assemblies to be produced or performed by other than the Offeror, in accordance with the Offerors design/specifications/requirements.
- d. Total other direct cost
- e. Total unit price

L.3.1.5 Price Information for non-Camel-unit, firm-fixed price CLINs: For CLINs 0010AA, 0011AA, 0014AA and 0015AA, provide information to support each proposed price, in the format provided as Solicitation Attachment A to the RFP. For CLIN 0016AA, provide information to support each proposed price, in the format provided as Solicitation Attachment B to this RFP.

L.3.1.6 In addition to the above, the Government reserves the right to subsequently request additional detailed information for the purpose of evaluating the reasonableness or realism of the proposed prices.

L.3.1.7 For the total anticipated contract effort, provide the following information to cover the prime contractor, interdivisional work, major subcontractors and major vendors: Performance location(s) to include city, state & zip code, with percentage of overall contract effort and dollar amount associated with each location.

L.3.1.8 The Price volume shall also provide a table listing the price included for each individual CDRL item A001 through A00Z. NOTE: These CDRL items are not separately priced (NSP), per section B of the RFP, such that the Price for these items is actually included in other CLINs. This table in the Price volume is for informational purposes only.

*** END OF NARRATIVE L 001 ***

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 142 of 146 REPRINT
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Name of Offeror or Contractor:

SECTION M - EVALUATION FACTORS FOR AWARD

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
M-1	52.217-5	EVALUATION OF OPTIONS	JUL/1990
M-2	52.247-46	SHIPPING POINT(S) USED IN EVALUATION OF F.O.B. ORIGIN OFFERS	APR/1984
M-3	52.247-47	EVALUATION--F.O.B. ORIGIN	APR/1984
M-4	52.209-4011 (TACOM)	CONTRACTOR RESPONSIBILITY AND ELIGIBILITY FOR AWARD	JAN/2001

(a) We'll award a contract to the offeror that:

- (1) submits the lowest evaluated offer if award is based on price only, or the offer that provides the best value to the Government if factors in addition to price are identified in Section M, and
- (2) submits a bid or proposal that meets all the material requirements of this solicitation, and
- (3) meets all the responsibility criteria at FAR 9.104.

(b) To make sure that you meet the responsibility criteria at FAR 9.104 we may:

- (1) arrange a visit to your plant and perform a preaward survey;
- (2) ask you to provide financial, technical, production, or managerial background information.

(c) If you don't provide us with the data we ask for within 7 days from the date you receive our request, or if you refuse to have us visit your facility, we may determine you nonresponsible.

(d) If we visit your facility, please make sure that you have current certified financial statements and other data relevant to your bid or proposal available for our team to review.

[End of Provision]

M-5	52.216-4006 (TACOM)	METHOD OF PRICE EVALUATION	OCT/2001
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(a) The unit price for each year will be multiplied by the estimated annual requirement for the corresponding year, and the results for each year added together to produce the evaluated price for the total maximum quantity. Based on this method of evaluation, award will be made to the responsible offeror whose offer represents the lowest evaluated price, or, if applicable, represents the Best Value to the Government as outlined elsewhere in this solicitation.

(b) If this solicitation contains quantities to be shipped FOB Origin, transportation cost will be evaluated as specified in the EVALUATION OF TRANSPORTATION COSTS provision elsewhere in this Section, and award will be made to the responsible offeror whose offer represents the lowest evaluated price including transportation costs, or, if applicable, represents the Best Value to the Government as outlined elsewhere in this solicitation.

[End of Provision]

M-6	52.217-4003 (TACOM)	EVALUATION OF INCOMPLETE OPTION PRICING	FEB/1998
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(a) Per FAR 17.203(d), offerors may price the option CLIN in this solicitation incrementally, by entering different option unit prices that will apply to different subquantities or quantity ranges (in the event that the Government elects to exercise less than 100% of the option). Notwithstanding this fact, the provision entitled EVALUATION OF OPTIONS (FAR 52.217-5, located elsewhere in this Section M) indicates that the Government's evaluation for contract award will include each offeror's price for 100% of the option quantity.

(b) In light of the above, if an offeror specifies unit prices that apply to one or more option quantity ranges, but does not specify a unit price for 100% of the option, we will evaluate that offer for award as follows. The option price for such offer shall be deemed to be the higher of (i) the unit price that applies to the basic (non-option) quantity, or (ii) the highest unit price that is identified against any range or subquantity of the option CLIN.

[End of Provision]

<p align="center">CONTINUATION SHEET</p>	<p align="center">Reference No. of Document Being Continued</p> <p align="center">PIIN/SIIN DAAE07-03-R-T006 MOD/AMD</p>	<p align="center">Page143 of 146</p> <p align="center">REPRINT</p>
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Name of Offeror or Contractor:

SECTION M PROPOSAL EVALUATION INFORMATION

M.1 Basis of Award

a. Selection of Successful Offeror: The Government intends to award one contract to the offeror whose proposal represents the best value to the Government. The Government will weigh the merits of the evaluated proposals (other than price) against the evaluated price. The Government will consider the relative advantages and disadvantages of each proposal in its determination of which proposal offers the best value. The Governments program objective for the Camel is a non-developmental item approach due to current level and/or availability of commercial technology, using readily adaptable commercially available components modified to meet Camel requirements, or though component development using current, proven commercial technology, to accelerate fielding of a system to satisfy the Armys water distribution requirements for the Transformation Brigade.

b. Rejection of Offers: The Government may reject any proposal which:

- (i) merely offers to perform work according to the RFP terms or fails to present more than a statement indicating its capability to comply with the RFP terms without support and elaboration specified in Section L of this solicitation; or
- (ii) reflects an inherent lack of technical competence or a failure to comprehend the complexity and risks required to perform the RFPs requirements due to submission of a proposal which is unrealistically high or low in price and/or unrealistic in terms of technical or schedule commitments; or
- (iii) contains any unexplained significant inconsistency between the proposed effort and Price, due to the offerors apparent misunderstanding of the work required or its inability to perform any resultant contract.
- (iv) fails to meaningfully respond to requirements of Section L, Proposal Submission Information
- (v) is materially unbalanced as to price. An offer is materially unbalanced as to price when, in the judgment of the PCO, it cites prices that are significantly less than cost for some work and significantly more than cost for other work.

c. Responsibility: Pursuant to FAR 9.103, Department of Defense policy states that contracts will be placed only with contractors that the contracting officer determines to be responsible. Offerors must be able to demonstrate that they meet the standards of responsibility set forth in FAR 9.104. The Government reserves the right to conduct a Pre-Award Survey on any and/or all offerors. The Government reserves the right to reject an offer that does not meet the standards for responsibility.

d. Trade-Off Process: This is a Best Value Acquisition using the trade-off process. As such, the SSA, in making the final Source Selection Trade-Off judgment, will weigh the merits of the non-Price areas of the proposal against the Price area in arriving at the final source selection decision. The closer the offerors evaluations are in the non-Price areas, the more significant the Price area becomes in making the decision. Despite the fact that the Price area is not the most important consideration, it may be controlling:

- (i) In circumstances where two or more proposals are otherwise considered equal.
- (ii) When an otherwise superior proposal is unaffordable.
- (iii) When the advantages of a higher-priced proposal are not considered to be worth its price premium.
- (iv) When an offeror proposes prices that pose an unacceptable level of risk to successful contract performance.

M.2 Evaluation Process

a. Evaluation: The Government will have a Source Selection Evaluation Board (SSEB) evaluate proposals submitted by offerors. The SSEB will assess the advantages, disadvantages, and relative risks associated with each offeror and proposal, and then assign an appropriate adjectival rating for each element or factor evaluated (except for the Price Area), and narratively support the rating. The Government reserves the right to reject offers, in accordance with M.1 above, without evaluation.

- (i) b. Risk Assessment: The Government will assess the risk of successful or unsuccessful performance of each evaluated proposal. Risk is defined as the probability that the offeror will not provide goods and/or services in accordance with the terms and conditions of the contract.

It is important to note the distinction between proposal risks and performance risks. Proposal risks are those risks associated with an offerors proposed approach in meeting the Governments requirements. Proposal risk is assessed by the SSEB and is integrated into the rating of the Capability and Price Areas. Performance risks are those risks associated with the probability an offeror will successfully perform the solicitation requirements as indicated by that offerors record of past and current performance, and is associated with the Past Performance Area.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 144 of 146 REPRINT
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Name of Offeror or Contractor:

c. Desired Performance Requirements (applicable to the Capability Area only):

The Capability Area evaluation includes assessment of three different desired performance characteristics. Should the offeror propose to meet a desired performance characteristic, the risk of successfully accomplishing that level of performance will be evaluated. For the desired characteristics being evaluated, no additional credit will be given for performance beyond the desired level of performance specified in the PD. The desired characteristics must be fully achieved to receive credit. To receive credit for any of the desired performance characteristics, the offerors proposal must demonstrate to the Government that the desired performance characteristics are achievable at moderate risk. Proposals which are evaluated to have more than moderate risk associated with meeting the proposed desired level, or which are deemed to increase the risk of meeting other technical requirements to either high or very high risk, shall be given no additional credit, nor shall they be considered advantages to the Government. If the Government evaluation shows that an offeror has demonstrated, in accordance with Section M evaluation criteria, that he can achieve a particular desired performance objective, it shall be noted as an advantage in the factor, element and area assessments to which it belongs. Advantages may also result in an increase in the assigned rating for the appropriate factor, element and area. If Government evaluation of the proposal indicates that achievement of one or more proposed desired characteristics is likely with moderate risk, the specific proposed desired characteristic so evaluated will be included in the resulting contract. The Capability Area desired performance characteristics subject to this provision of the solicitation are identified below.

Desired Performance Characteristics

<u>Element</u>	<u>Factor</u>	<u>Desired Description</u>
SDD Design Concept	Transportability	Low Velocity Air Drop when full;
		transport by rail without restriction when full;
SDD Design Concept	Dispensing of Water	Pump feeding of dispensing spigots to achieve a higher flow
		rate of 6 GPM minimum;
SDD Design Concept	Loading of Water	Inherent capability to self-load at a rate of not less than 40 GPM.

M.3 Evaluation Criteria

M.3.1 Evaluation Areas: The three evaluation areas are:

- Capability
- Past Performance
- Price

The Capability Area is most important and is more important than either Past Performance Area or the Price Area. The Past Performance Area is slightly more important than the Price Area. Additionally, as required by FAR 15.304(e), the non-price areas when combined are significantly more important than the area of Price.

M.3.2 Evaluation Areas/Elements/Factors:

Capability Area:

Within the Capability Area, Element 1, SDD Design Concept is significantly more important than Element 2, Manufacturing Facilities and Resources. Element 2 is significantly more important than Element 3, Realism for Logistics Prices.

Element 1: SDD Design Concept

Within Element 1, SDD Design concept, Factor 1 is more important than Factor 2, which in turn is more important than Factor 3, which in turn is more important than Factor 4.

Factor 1: Stability of Load and Transportability The Government will assess the proposal risk probability that the offeror will credibly and timely satisfy the Dynamic stability requirements (PD paragraph 3.5.1), as simulated under full conditions and empty conditions, using the DADS computer model. Additionally, as described in RFP paragraph M.2(c), the Government will assess risk of achievement of the Desired Performance capability for Low Velocity Air Drop when full (PD paragraphs 3.6.1.5) and transport by rail without restriction when full (PD paragraph 3.6.1.6)

Factor 2: Thermal Regulation of Payload and Dispensed Water (PD paragraphs 3.5.13, 3.5.14, 3.5.14.1, 3.5.15 and 3.5.15.2), Dispensing of Water (desired capability only) (PD paragraph 3.5.15.1), and Loading of Water (desired capability only) (PD paragraph 3.5.20). The Government will assess the proposal risk probability that the offeror will credibly and timely satisfy the Thermal Regulation of payload and dispensed water requirements. Additionally, as described in RFP paragraph M.2(c), the Government will assess risk of achievement of the Desired Performance capability for Dispensing of Water and Loading of Water.

Factor 3: Chlorination and Potability Maintenance (PD paragraphs 3.3.1 and 3.5.5). The Government will assess the proposal risk probability that the offerors will credibly and timely satisfy the Camel Chlorination and Potability Maintenance

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN DAAE07-03-R-T006 MOD/AMD	Page 145 of 146 REPRINT
Name of Offeror or Contractor:		

requirements.

Factor 4: NBC Survivability (PD paragraph 3.12). The Government will assess the proposal risk probability that the offerors will credibly and timely satisfy the Camel NBC survivability requirements.

Element 2: Manufacturing Facilities and Resources. The Government will assess the proposal risk probability that the offeror will credibly and timely manufacture Camel systems to meet the delivery schedule requirements, of both SDD and the Camel Production, based on the offerors existing and/or proposed facilities, equipment, tooling, and manufacturing personnel. The facilities of the offeror and significant subcontractors may be included in the evaluation. For the purpose of Camel Production, the evaluation of manufacturing facilities and resources will be based upon ordering of maximum quantities permitted under the Camel production Requirements CLINs. The evaluation assumes award of the single SDD delivery order 150 days after release of this RFP, to meet the requirements of RFP Paragraphs C.2 and C.10. The evaluation assumes award of the first Camel production delivery order, for a maximum monthly quantity of 35 per month, 630 days after release of this RFP.

Element 3 Realism of Logistics Effort. The SSEB will evaluate the proposal risk probability that the offerors proposed Logistics labor hours, mix of labor categories, and labor categories, as supported by rationale detailing the basis for the proposed hours, labor categories and labor category mix, will meet Contract requirements for: technical manuals (C.13 and C.21.2 through C.21.7.1), training materials (C.27), Logistics Management Information Data Products (inclusive of the Maintenance Allocation Chart, Tool and Test Equipment List, Pre-procurement Screening, Engineering Data for Provisioning, Long Lead-Time Items List, Recommended Spare Parts List, Design Change Notice, and Provisioning Parts List) (C.22), and Packaging Documentation (C.24).

Past Performance Area.

The Government will assess each offerors and their significant subcontractors performance risk that they will not be able to meet the contract requirements based on an assessment of their previous performance of relevant work. Only relevant performance on projects and programs which has taken place in the three years prior to the date of issuance of the RFP will be considered.

In evaluating each offerors previous performance, the Government will look at the offerors and significant subcontractors previous performance of prototype design, especially related to US military or commercial automotive systems, road transportable potable water storage systems, and potable water thermal regulating equipment; performance of test support for either commercial or Government conducted testing; performance of delivery schedule of production systems, especially for production of trailer mounted systems (including water storage systems) and potable water thermal regulating systems; performance of logistics tasks; delivery of data requirements for SDD and Production contracts; and customer satisfaction. For evaluation of delivery schedule performance, the assessment will be made against a contracts original delivery schedule, unless the Government caused a delay. Schedule extensions which were caused by the offeror, or a proposed subcontractor, even if consideration was provided, will be counted against the offeror. The Government will evaluate general trends in past performance, including demonstrated corrective actions. The Government will evaluate the extent to which offerors have complied with FAR 52.219-8, Utilization of Small Business Concerns, over the last three years. This evaluation will be a risk assessment of the probability the offeror will comply with the requirements of FAR 52.219-8, as evidenced by the offerors (a) management practices and approach to award of subcontracts to small firms; and/or (b) past performance history of complying with FAR 52.219-8. Where an offeror has not held Contracts within the past 3 years which included FAR 52.219-8, an Unknown Risk rating will be assigned.

The Government may use internal or private industry source information. However, the burden of providing thorough and complete past performance information rests with the offeror. All offerors should include all relevant previous performance, including any demonstrated corrective actions for negative performance, in their proposal.

Significant achievements, problems, or lack of relevant data in any element of the work can become an important consideration in the source selection process. The existence of negative prior performance findings may result in a rating that reflects elevated performance risk. Offerors without a record of relevant Past Performance upon which to base a meaningful performance risk prediction will be rated as "Unknown Risk", which is neither favorable nor unfavorable.

Price Area

Price Area: The Government will evaluate the Offeror's proposed prices, for the quantities of SDD and production systems and associated services identified in Section B, for reasonableness and realism. Reasonableness is interpreted to mean that the Price, in its nature and amount, does not exceed that which would be incurred by a prudent person in the conduct of competitive business. Realism pertains to whether the price accurately reflects the Offeror's proposed effort to meet program requirements and objectives.

The realism analysis will assess the risk of the offeror performing the effort at the proposed price. However, the offered prices shall not be adjusted as a result of the realism analysis. This realism analysis may also be used in a responsibility determination and in the trade off process pursuant to M.l.d.(iv), above.

The Price evaluation will also yield a total evaluated price amount that will be considered in the trade-off evaluation. The total evaluated price amount shall include all CLINs and options, and shall be based on the estimated quantities that will be ordered. The total evaluated price amount for an Offeror shall consist of the sum of:

CONTINUATION SHEET	Reference No. of Document Being Continued		Page146 of 146
	PIIN/SIIN DAAE07-03-R-T006	MOD/AMD	REPRINT
Name of Offeror or Contractor:			

a. The proposed prices for the following CLINS:

0001AA, 0002AA, 0002AB 0003AA, 0004AA, 0005AA, 0006AA, 0010AA, 0011AA, 0012AA (inclusive of option prices for years 1 through 5), 0014AA, 0015AA, 0016AA (inclusive of option prices for years 1 through 5), CDRLs A008, A00D, and A00Y under CLIN 0017.

(Note: If an Offeror proposes unit prices for Camel production that vary depending on the order quantity (i.e. quantity range pricing), the Government shall evaluate such range pricing by assigning weights to each of the ranges, for each ordering period, to arrive at a single weighted average unit price for that ordering period. This weighted average will be multiplied by the estimated quantity for the ordering period.)

And:

b. Government-assessed transportation costs for the Camel CLINs 0001AA, 0002AA, 0002AB, 0003AA, 0004AA, 0005AA, and 0006AA. For the purposes of evaluation, all systems shall be delivered to Ft. Lewis, Washington, except that for CLINs 0001AA and 0002AA the destination for evaluation purposes shall be Yuma Proving Ground, Yuma, AZ.

Offerors are cautioned to enter CLIN prices for hardware, services and data items that reflect a fair apportionment of total contract Prices, based upon the value to be received by the Government for those items. The Government may determine an offer not eligible for award if it is materially unbalanced as to price. An offer is materially unbalanced as to price when, in the judgment of the PCO, it cites prices that are significantly less than cost for some work and significantly more than cost for other work. An unrealistic price may present an unacceptable risk to the Government and may result in elimination of the proposal from consideration for award.

*** END OF NARRATIVE M 001 ***

PIIN/SHIN DAAE07-03-R-T006

MOD/AMD

SECTION A - SUPPLEMENTAL INFORMATION

ADDED	AS7311	52.204-4016 (TACOM)	01-MAR-2001	TACOM-WARREN ELECTRONIC CONTRACTING
ADDED	AS7316	52.214-4003 (TACOM)	01-MAR-1998	ALL OR NONE
ADDED	AS7854	52.215-4854 (TACOM)	01-JUL-2002	PAPERLESS ELECTRONIC RESPONSES REQUIRED IN RESPONSE TO THIS SOLICITATION/REQUEST
ADDED	AS7888	52.242-4021 (TACOM)	01-JUL-1999	NOTICE REGARDING PLACEMENT OF DELIVERY ORDERS AND CONTRACTUAL ADMINISTRATION

SECTION D - PACKAGING AND MARKING

ADDED	DS7000	52.211-4113 (TACOM)	01-SEP-2000	BAR CODE MARKING
ADDED	DS7041	52.247-4003 (TACOM)	01-MAR-2002	CLEARANCE AND DOCUMENTATION REQUIREMENTS--SHIPMENTS THROUGH THE DEFENSE TRANSPORTATION SYSTEM (DTS) FROM OCONUS CONTRACTOR FACILITIES (F.O.B. ORIGIN)
AUTO	DS7111	52.247-4016 (TACOM)	01-JUL-2002	HEAT TREATMENT AND MARKING OF WOOD PACKAGING MATERIALS

SECTION E - INSPECTION AND ACCEPTANCE

ADDED	EF0195	52.246-2	01-AUG-1996	INSPECTION OF SUPPLIES--FIXED-PRICE
ADDED	EF0199	52.246-4	01-AUG-1996	INSPECTION OF SERVICES - FIXED-PRICE
ADDED	EF0181	52.246-16	01-APR-1984	RESPONSIBILITY FOR SUPPLIES
CHANGED	EF6006	52.209-4	01-SEP-1989	FIRST ARTICLE APPROVAL--GOVERNMENT TESTING [ALTERNATE I (JAN 1997) AND ALTERNATE II (SEP 1989)]

(a) The Contractor shall deliver four (4) unit(s) of Contract Line Item 0002AA within Four Hundred Fifty (450) calendar days from the date of this contract or, if the DESIRED DELIVERY SCHEDULE clause is in section F, as specified in the clause, or as otherwise proposed by the contractor and accepted by the Government. the Government at the following address: To Be Determined.

for first article tests. The shipping documentation shall contain this contract number and the Lot/Number identification. The characteristics that the first article must meet are specified elsewhere in this contract.

(b) Within Thirty (30) calendar days after the Government receives the first article, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite reasons for the disapproval.

(c) If the first article is disapproved, the Contractor, upon Government request, shall submit an additional first article for testing. After each request, the Contractor shall make any necessary changes, modifications, or repairs to the first article or select another first article for testing. All costs related to these tests are to be borne by the Contractor, including any and all costs for additional tests following a disapproval. The Contractor shall furnish any additional first article to the Government under the terms and conditions and within the time specified by the Government. The Government shall act on this first article within the time specified in paragraph (b) above. The Government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule, or for any additional costs to the Government related to these tests.

(d) If the Contractor fails to deliver any first article on time, or the Contracting Officer disapproves any first article, the Contractor shall be deemed to have failed to make delivery within the meaning of the DEFAULT clause of this contract.

(e) Unless otherwise provided in the contract, the Contractor--

PIIN/SHN DAAE07-03-R-T006

MOD/AMD

(1) May deliver the approved first article as a part of the contract quantity, provided it meets all contract requirements for acceptance and was not consumed or destroyed in testing; and

(2) Shall remove and dispose of any first article from the Government test facility at the Contractor's expense.

(f) If the Government does not act within the time specified in paragraph (b) or (c) above, the Contracting Officer shall, upon timely written request from the Contractor, equitably adjust under the CHANGES clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

(g) The Contractor is responsible for providing operating and maintenance instructions, spare parts support, and repair of the first article during any first article test.

(h) Before first article approval, the Contracting Officer may, by written authorization, authorize the Contractor to acquire specific materials or components or to commence production to the extent essential to meet the delivery schedules. Until first article approval is granted, only costs for the first article and costs incurred under this authorization are allocable to this contract for (1) progress payments, or (2) termination settlements if the contract is terminated for the convenience of the Government. If first article tests reveal deviations from contract requirements, the Contractor shall, at the location designated by the Government, make the required changes or replace all items produced under this contract at no change in the contract price.

(i) The Government may waive the requirement for first article approval test where supplies identical or similar to those called for in the schedule have been previously furnished by the Offeror/Contractor and have been accepted by the Government. The Offeror/Contractor may request a waiver.

(j) The Contractor shall produce both the first article and the production quantity at the same facility.

[End of Clause]

TACOM ADDENDUM:

For purposes of this contract, interpret Paragraph (h) above to mean that the PCO hereby authorizes you to purchase all material and components necessary to produce the production quantity.

[End of Addendum]

ADDED ES7032 52.209-4012 01-APR-2000 NOTICE REGARDING FIRST ARTICLE
(TACOM)

CHANGED ES7448 52.211-4017 01-JAN-2002 ENHANCED CARC REQUIREMENTS FOR HIGH PERFORMANCE SYSTEMS
(a) THE FOLLOWING REQUIREMENTS SUPERCEDE THE PERFORMANCE REQUIREMENTS CONTAINED IN TT-C-490, MIL-C-5541 AND MIL-C-53072 RELATIVE TO THE ADHESION AND CORROSION RESISTANCE OF THE CARC SYSTEM:

(b) Ferrous and galvanized surfaces shall be cleaned and pretreated to provide the following level of performance on a repeatable basis. The cleaning/pretreatment/control process shall be documented and submitted to the procuring activity for approval prior to production. Qualification and process control testing shall be performed on the same substrate used in production. The system under test shall consist of the pretreatment and primer. There are significant variations in performance due to primer manufacturer, VOC content and primer thickness variation. Sufficient testing shall be conducted to achieve a statistical confidence in both the brand/type of primer used and the dry film thickness used in production. If the tolerance of the dry film thickness exceeds plus or minus 1.0 mil then you must qualify the extremes of the range separately.

(c) To verify the corrosion resistance, a minimum of three test panels per test variation no smaller than 4 x 6 inches with the pretreatment/primer system as noted above shall be subjected to 1000 hr. of neutral salt spray per ASTM B117 (40 cycles of GM 9540P - scribed is an acceptable alternative) for ferrous substrates or 40 cycles of GM 9540P for galvanized surfaces. The test panels shall be cured for a minimum of 7 days and diagonally scribed through the coating system to the metallic layer. A minimum of 24 hr. after the completion of the neutral salt spray test or within 5 days after completion of the GM 9540P test the scribe shall be scraped at a 30 degree (approximate) contact angle with a 38mm (approximate) blunt tipped metal blade such as a putty knife parallel and perpendicular to the scribe. There shall be no more than 3mm maximum loss of paint adhesion or corrosion at any point from the scribe line. In addition, there shall be no more than 5 blisters in the field with none exceeding 1mm; corrosion in the field shall not exceed Rust Grade 9 of ASTM D610.

(d) To verify long term CARC adhesion, after completion of the corrosion resistance test evaluation each test panel will be subjected to cross hatch tape test (minimum tape adhesion rating of 45 oz. per inch of width). The test pattern shall be 4 x 4 scribe lines to the metallic layer at 2mm intervals(approximate) and shall be done no closer than 12 mm from any edge or the scribe creep. Multiple head cutters are not recommended. Loss of two or more complete primer squares shall constitute failure.

PIIN/SHIN DAAE07-03-R-T006

MOD/AMD

(e) The contractor must demonstrate the ability to pass both tests for the system to be considered acceptable. This testing shall be performed on 5 consecutive days of production. If all test panels are acceptable, the testing can revert to two test panels every two months of production.

(f) The only system that is currently available to achieve this level of performance is a zinc phosphate pretreatment system per TT-C-490 with a high quality primer. All primers used must be on the QPL for MIL-P-23377, 53022, -53030, or 53084. Not all QPL primers with the exception of electrocoat primers per MIL-C-53084 have this level of corrosion resistance/paint adhesion, however.

Note: Hot dipped galvanized surfaces are highly prone to chlorine/chloride contamination from the galvanizing flux process. This contaminant must be removed for the coating system to pass these performance tests.

(g) For aluminum substrates the required pretreatment system is a chromate conversion per MIL-C-5541. If alternative pretreatment systems wish to be considered, they must demonstrate their ability to pass when coated with the nominal production primer (scribed) 120 cycles of GM 9540P. After completion of the test, the panels shall be scraped as noted above and shall have no more than 0.5mm of paint loss maximum from the scribe. In addition, there shall be no more than 5 blisters in the field with none larger than 1mm. After completion of the 120 cycle test, the cross hatch scribe test noted above shall be performed. The removal of one or more complete squares of primer shall constitute failure. The alternate system must demonstrate its ability to provide an acceptable product on 5 consecutive days of production to be considered a suitable alternative. The alternative process must be documented and approved by the procuring activity. Controls must be established to assure that the process remains under statistical control. The only alternative products which have demonstrated their ability to meet these requirements for 5000 and 6000 series aluminum alloys are Alodine 5200 and Alodine 5700.

(g) Failure to meet the corrosion resistance/adhesion requirements shall be cause for rejection of all production units manufactured during that production interval.

(h) Final Acceptance of the CARC Finish on Production Hardware:

The dry film thicknesses of the primer and topcoat as well as coating adhesion on the fully cured primer/topcoat coating system are mandatory requirements. Variations in the primer thickness and curing conditions will dramatically affect recoat windows and coating performance for some primers. Manufacturing processes which are unable to control the dry film thickness to the requirements contained in Table V of MIL-C-53072 shall be subjected to the 4 x 4 cross hatch scribe test noted above on two production units per lot with two tests per unit. One test shall be conducted on a vertical and one on a horizontal surface (relative to the painting process). There shall be a maximum removal of one complete square of primer/topcoat or topcoat only. The polyurethane CARC topcoat requires approximately 24 days to completely cure at 68 Degrees F. Adhesion testing shall be performed only on a completely cured CARC finish. Contractors which have performed a thorough design of experiments methodology to evaluate the impact of paint system variables or have processes which meet Table V requirements can perform the final acceptance adhesion test on representative test coupons.

[End of Clause]

ADDED	ES7043	52.211-4029 (TACOM)	01-MAY-1994	INTERCHANGEABILITY OF COMPONENTS
CHANGED	ES7162	52.211-4071 (TACOM)	01-OCT-1997	CHEMICAL AGENT RESISTANT COATING (CARC) ON WOOD COMPONENTS

(a) Wood shall be in accordance with A-A-52520, and pressure treated with copper napthenate in light solvent solution to a net minimum retention of 0.040 pound per cubic foot (PCF) of copper as measured by gauge or assay method or treatment to refusal. For domestic hardwood species, an alternative non-pressure treatment is acceptable if the high concentrate (2%) of water repellant copper napthenate solution in accordance with American Wood Preservers Association (AWPA) P8 is used and the same net retention is achieved as with pressure treatment when measured by assay method. After treatment, the wood shall provide a paintable surface as described by the paintability requirements of Spec TT-W-572, except that the wood species, treatment and paint shall be the same as furnished for this contract.

(b) After demonstrating that the paint adhesion requirements are met, and Government inspection/acceptance of this item has occurred, any subsequent flaking and peeling of paint from the wood shall not be considered a defect unless the Government establishes that the flaking and/or peeling of the paint was caused by defective workmanship in the application of the paint or the preparation of the painted surface.

[End of Clause]

ADDED	ES7444	52.246-4027 (TACOM)	01-OCT-1997	HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT--TACOM QUALITY SYSTEM REQUIREMENT (NEW DESIGN/DESIGN CONTROL/COMPLEX OR CRITICAL ITEM)
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PIIN/SIIN DAAE07-03-R-T006

MOD/AMD

ADDED ES7001 52.246-4028 01-FEB-1994 INSPECTION POINT: ORIGIN
(TACOM)

ADDED ES7042 52.246-4048 01-NOV-1982 DRAWINGS FOR INSPECTION
(TACOM)

SECTION F - DELIVERIES OR PERFORMANCE

ADDED FF0023 52.242-15 01-AUG-1989 STOP-WORK ORDER

ADDED FF0001 52.242-17 01-APR-1984 GOVERNMENT DELAY OF WORK

ADDED FF0004 52.247-29 01-JUN-1988 F.O.B. ORIGIN

ADDED FF0031 52.247-52 01-APR-1984 CLEARANCE AND DOCUMENTATION REQUIREMENTS--SHIPMENTS TO DOD AIR OR
WATER TERMINAL TRANSSHIPMENT POINTS

ADDED FF0033 52.247-55 01-APR-1984 F.O.B. POINT FOR DELIVERY OF GOVERNMENT-FURNISHED PROPERTY

ADDED FF0034 52.247-58 01-APR-1984 LOADING, BLOCKING, AND BRACING OF FREIGHT CAR SHIPMENTS

ADDED FF0035 52.247-59 01-APR-1984 F.O.B. ORIGIN--CARLOAD AND TRUCKLOAD SHIPMENTS

CHANGED FS6457 52.242-4457 01-OCT-2002 DELIVERY SCHEDULE FOR DELIVERY ORDERS
(TACOM)

Unless we specify a different delivery schedule in an individual delivery order, the following delivery schedule applies to delivery orders under this contract:

(a) Start deliveries 30 days after approval of the First Article Test Report. Deliveries on subsequent delivery orders will start 60 days after the delivery order award date. Deliveries will continue every thirty days, if necessary, until all items are delivered.

1. You will deliver a minimum of four(4) units every 30 days, (unless agreed upon otherwise by the parties);

2. You can deliver more than the minimum number of units every thirty days if approved by the PCO in writing.

(b) Delivery is defined as follows:

1. FOB Origin - Contractor is required to deliver its shipment as provided in FAR 52.247-29(a)(1)-(4) by the time specified in the individual delivery order.

(c) Proposing an accelerated delivery schedule will not prejudice your offer. However, if you propose a delivery schedule longer than the schedule listed above, or a maximum quantity less than what is requested in Paragraph (a)(1)(ii) above, your offer may be determined unacceptable for award.

(d) CONTRACTOR'S PROPOSED SCHEDULE:

(1) I WILL START DELIVERIES _____ DAYS AFTER THE AWARD DATE; OR, IF APPLICABLE, _____ DAYS AFTER AWARD IF FIRST ARTICLE TEST IS WAIVED. DELIVERIES ON SUBSEQUENT DELIVERY ORDERS WILL START _____ DAYS AFTER DELIVERY ORDER AWARD DATE.

(2) I WILL DELIVER A QUANTITY OF _____ UNITS EVERY 30 DAYS, BUT I HAVE THE CAPABILITY TO DELIVER UP TO A MAXIMUM OF _____ UNITS EVERY 30 DAYS.

[End of Clause]

ADDED FF7030 52.211-16 01-APR-1984 VARIATION IN QUANTITY

ADDED FF7038 52.247-65 01-JAN-1991 F.O.B. ORIGIN--PREPAID FREIGHT--SMALL PACKAGE SHIPMENTS

PIIN/SIIN DAAE07-03-R-T006

MOD/AMD

ADDED	FS7446	52.247-4005 (TACOM)	01-FEB-2002	SHIPMENT OF SUPPLIES AND DETENTION OF CARRIERS EQUIPMENT
ADDED	FS7003	52.247-4017 (TACOM)	01-JAN-2001	DEPOT ADDRESS FOR THE APPLICABLE MODE OF SHIPMENTS: IN-THE-CLEAR ADDRESSES

SECTION G - CONTRACT ADMINISTRATION DATA

ADDED	GA7811	252.201-7000	01-DEC-1991	CONTRACTING OFFICER'S REPRESENTATIVE
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SECTION H - SPECIAL CONTRACT REQUIREMENTS

ADDED	HF0021	52.232-16	01-FEB-2002	PROGRESS PAYMENTS (ALTERNATE I dated Mar 2000)
ADDED	HA0802	252.203-7002	01-DEC-1991	DISPLAY OF DOD HOTLINE POSTER
ADDED	HA0803	252.204-7000	01-DEC-1991	DISCLOSURE OF INFORMATION
ADDED	HA0804	252.205-7000	01-DEC-1991	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS
ADDED	HA0834	252.211-7000	01-DEC-1991	ACQUISITION STREAMLINING
ADDED	HA0244	252.223-7006	01-APR-1993	PROHIBITION ON STORAGE AND DISPOSAL OF TOXIC AND HAZARDOUS MATERIALS
ADDED	HA0853	252.225-7001	01-MAR-1998	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM
ADDED	HA0830	252.225-7002	01-DEC-1991	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS
ADDED	HA0818	252.225-7009	01-AUG-2000	DUTY-FREE-ENTRY--QUALIFYING COUNTRY SUPPLIES (END PRODUCTS AND COMPONENTS)
ADDED	HA0816	252.225-7010	01-AUG-2000	DUTY-FREE ENTRY--ADDITIONAL PROVISIONS
ADDED	HA0390	252.227-7036	01-JAN-1997	DECLARATION OF TECHNICAL DATA CONFORMITY
ADDED	HA0392	252.227-7037	01-SEP-1999	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA
ADDED	HA0873	252.231-7000	01-DEC-1991	SUPPLEMENTAL COST PRINCIPLES
ADDED	HA0523	252.232-7004	01-OCT-2001	DOD PROGRESS PAYMENT RATES
ADDED	HA0871	252.246-7000	01-DEC-1991	MATERIAL INSPECTION AND RECEIVING REPORT
ADDED	HA0805	252.246-7001	01-DEC-1991	WARRANTY OF DATA
CHANGED	HF6050	52.216-18	01-OCT-1995	ORDERING

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from the date of contract award through the last ordering period.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c) If mailed, a delivery order or task order is considered issued when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

[End of Clause]

CHANGED	HF6051	52.216-19	01-OCT-1995	ORDER LIMITATIONS
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PIIN/SIIN DAAE07-03-R-T006

MOD/AMD

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than -1-, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor--

(1) Any order for a single item in excess of 386.

(2) Any order for a combination of items in excess of 386.

(3) A series of orders together from the same or different ordering offices that call for quantities exceeding the limitation in subparagraph (1) or (2) above.

(c) If this is a requirements contract (i.e., includes the REQUIREMENTS clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) above.

(d) Notwithstanding paragraphs (b) and (c) above, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within -5- days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

[End of Clause]

CHANGED HF6053 52.216-21 01-OCT-1995 REQUIREMENTS

(a) This is a requirements contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies or services specified in the Schedule are estimates only and are not purchased by this contract. Except as this contract may otherwise provide, if the Government's requirements do not result in orders in the quantities described as estimated or maximum in the Schedule, that fact shall not constitute the basis for an equitable price adjustment.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the ORDERING clause. Subject to any limitations in the ORDER LIMITATIONS clause or elsewhere in this contract, the Contractor shall furnish to the Government all supplies or services specified in the Schedule and called for by orders issued in accordance with the ORDERING clause. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(c) Except as this contract otherwise provides, the Government shall order from the Contractor all the supplies or services specified in the Schedule that are required to be purchased by the Government activity or activities specified in the Schedule.

(d) The Government is not required to purchase from the Contractor requirements in excess of any limit on total orders under this contract.

(e) If the Government urgently requires delivery of any quantity of an item before the earliest date that delivery may be specified under this contract, and if the Contractor will not accept an order providing for the accelerated delivery, the Government may acquire the urgently required goods or services from another source.

(f) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and the Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after the last ordering period.

[End of Clause]

ADDED	HA7462	252.225-7043	01-JUN-1998	ANTITERRORISM/FORCE PROTECTION FOR DEFENSE CONTRACTORS OUTSIDE THE UNITED STATES
ADDED	HA7815	252.243-7000	01-SEP-1999	ENGINEERING CHANGE PROPOSALS
ADDED	HS7101	52.204-4005 (TACOM)	01-MAY-2000	REQUIRED USE OF ELECTRONIC COMMERCE
ADDED	HS7301	52.246-4026 (TACOM)	01-MAR-2002	LOCAL ADDRESSES FOR DD FORM 250

PIIN/SIIN DAAE07-03-R-T006

MOD/AMD

SECTION I - CONTRACT CLAUSES

ADDED	IF0001	52.202-1	01-DEC-2001	DEFINITIONS
ADDED	IF0004	52.203-3	01-APR-1984	GRATUITIES
ADDED	IF0005	52.203-5	01-APR-1984	COVENANT AGAINST CONTINGENT FEES
ADDED	IF0165	52.203-6	01-JUL-1995	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT
ADDED	IF0008	52.203-7	01-JUL-1995	ANTI-KICKBACK PROCEDURES
ADDED	IF0314	52.203-8	01-JAN-1997	CANCELLATION, RESCISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY
ADDED	IF0723	52.203-10	01-JAN-1997	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY
ADDED	IF0023	52.203-12	01-JUN-1997	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
ADDED	IF0772	52.204-4	01-AUG-2000	PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER
ADDED	IF0964	52.209-6	01-JUL-1995	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT
ADDED	IF0015	52.211-5	01-AUG-2000	MATERIAL REQUIREMENTS
ADDED	IF0017	52.211-15	01-SEP-1990	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS
ADDED	IF0022	52.215-2	01-JUN-1999	AUDIT AND RECORDS - NEGOTIATIONS
ADDED	IF0276	52.215-8	01-OCT-1997	ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT
ADDED	IF0028	52.215-11	01-OCT-1997	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA--MODIFICATIONS
ADDED	IF0030	52.215-13	01-OCT-1997	SUBCONTRACTOR COST OR PRICING DATA -- MODIFICATIONS
ADDED	IF0831	52.215-14	01-OCT-1997	INTEGRITY OF UNIT PRICES
ADDED	IF0031	52.215-15	01-DEC-1998	PENSION ADJUSTMENTS AND ASSET REVERSIONS
ADDED	IF0086	52.215-18	01-OCT-1997	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS
ADDED	IF0280	52.219-6	01-JUL-1996	NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE
ADDED	IF0069	52.219-8	01-OCT-2000	UTILIZATION OF SMALL BUSINESS CONCERNS
ADDED	IF0744	52.219-14	01-DEC-1996	LIMITATIONS ON SUBCONTRACTING
ADDED	IF0076	52.222-1	01-FEB-1997	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES
ADDED	IF0445	52.222-19	01-SEP-2002	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES
ADDED	IF0081	52.222-20	01-DEC-1996	WALSH-HEALEY PUBLIC CONTRACTS ACT
ADDED	IF0992	52.222-21	01-FEB-1999	PROHIBITION OF SEGREGATED FACILITIES
ADDED	IF0082	52.222-26	01-APR-2002	EQUAL OPPORTUNITY
ADDED	IF0085	52.222-35	01-DEC-2001	AFFIRMATIVE ACTION FOR DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA
ADDED	IF0087	52.222-36	01-JUN-1998	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES

PIIN/SIIN DAAE07-03-R-T006

MOD/AMD

ADDED	IF0088	52.222-37	01-DEC-2001	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS
ADDED	IF0094	52.223-3	01-JAN-1997	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA
ADDED	IF0519	52.223-5	01-APR-1998	POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION
ADDED	IF0295	52.223-6	01-MAY-2001	DRUG FREE WORKPLACE
ADDED	IF0512	52.223-14	01-OCT-2000	TOXIC CHEMICAL RELEASE REPORTING
ADDED	IF0299	52.225-8	01-FEB-2000	DUTY-FREE ENTRY
ADDED	IF0098	52.225-13	01-JUL-2000	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES
ADDED	IF0333	52.227-1	01-JUL-1995	AUTHORIZATION AND CONSENT
ADDED	IF0334	52.227-2	01-AUG-1996	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT
ADDED	IF0109	52.229-3	01-JAN-1991	FEDERAL, STATE, AND LOCAL TAXES
ADDED	IF0111	52.229-5	01-APR-1984	TAXES--CONTRACTS PERFORMED IN U.S. POSSESSIONS OR PUERTO RICO
ADDED	IF0118	52.232-1	01-APR-1984	PAYMENTS
ADDED	IF0119	52.232-2	01-APR-1984	PAYMENTS UNDER FIXED-PRICE RESEARCH AND DEVELOPMENT CONTRACTS
ADDED	IF0123	52.232-8	01-FEB-2002	DISCOUNTS FOR PROMPT PAYMENT
ADDED	IF0124	52.232-9	01-APR-1984	LIMITATION ON WITHHOLDING OF PAYMENTS
ADDED	IF0127	52.232-11	01-APR-1984	EXTRAS
ADDED	IF0128	52.232-17	01-JUN-1996	INTEREST
ADDED	IF0133	52.232-23	01-JAN-1986	ASSIGNMENT OF CLAIMS
ADDED	IF0362	52.232-25	01-FEB-2002	PROMPT PAYMENT
ADDED	IF0703	52.232-33	01-MAY-1999	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION
ADDED	IF0136	52.233-1	01-JUL-2002	DISPUTES
ADDED	IF0349	52.233-3	01-AUG-1996	PROTEST AFTER AWARD
ADDED	IF0733	52.242-4	01-JAN-1997	CERTIFICATION OF INDIRECT COSTS
ADDED	IF0144	52.242-10	01-APR-1984	F.O.B. ORIGIN--GOVERNMENT BILLS OF LADING OR PREPAID POSTAGE
ADDED	IF0146	52.242-12	01-JUL-1995	REPORT OF SHIPMENT (REPSHIP)
ADDED	IF0142	52.242-13	01-JUL-1995	BANKRUPTCY
ADDED	IF0147	52.243-1	01-AUG-1987	CHANGES--FIXED-PRICE
ADDED	IF0161	52.243-7	01-APR-1984	NOTIFICATION OF CHANGES
ADDED	IF0170	52.245-2	01-DEC-1989	GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS)(91-DEV-44)
ADDED	IF0192	52.245-18	01-FEB-1993	SPECIAL TEST EQUIPMENT
ADDED	IF0193	52.245-19	01-APR-1984	GOVERNMENT PROPERTY FURNISHED AS-IS
ADDED	IF0226	52.246-23	01-FEB-1997	LIMITATION OF LIABILITY

PIIN/SIIN DAAE07-03-R-T006				MOD/AMD
ADDED	IF0229	52.247-1	01-APR-1984	COMMERCIAL BILL OF LADING NOTATIONS the notation set forth in paragraph (a) of the clause applies in this contract.` The agency name in line one of the notation shall read:US ARMY TANK-AUTOMOTIVE & ARMAMENTS COMMAND
ADDED	IF0231	52.248-1	01-FEB-2000	VALUE ENGINEERING
ADDED	IF0241	52.249-2	01-SEP-1996	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE)
ADDED	IF0250	52.249-8	01-APR-1984	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)
ADDED	IF0252	52.249-9	01-APR-1984	DEFAULT (FIXED-PRICE RESEARCH AND DEVELOPMENT)
ADDED	IF0651	52.253-1	01-JAN-1991	COMPUTER GENERATED FORMS
ADDED	IA0280	252.203-7001	01-MAR-1999	PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE CONTRACT-RELATED FELONIES
ADDED	IA0821	252.204-7003	01-APR-1992	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT
ADDED	IA0893	252.209-7000	01-NOV-1995	ACQUISITION FROM SUBCONTRACTORS SUBJECT TO ON-SITE INSPECTION UNDER THE INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY
ADDED	IA0222	252.209-7004	01-MAR-1998	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY per DoD interim rule, Federal Register 27 Mar 98
ADDED	IA0897	252.215-7000	01-DEC-1991	PRICING ADJUSTMENTS
ADDED	IA0888	252.215-7002	01-OCT-1998	COST ESTIMATING SYSTEM REQUIREMENTS
ADDED	IA0828	252.225-7012	01-APR-2002	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES
ADDED	IA0827	252.225-7014	01-MAR-1998	PREFERENCE FOR DOMESTIC SPECIALTY METALS
ADDED	IA0809	252.225-7015	01-DEC-1991	PREFERENCE FOR DOMESTIC HAND OR MEASURING TOOLS
ADDED	IA0829	252.225-7016	01-DEC-2000	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS
ADDED	IA0852	252.225-7025	01-JUN-1997	RESTRICTION ON ACQUISITION OF FORGINGS
ADDED	IA0812	252.225-7026	01-JUN-2000	REPORTING OF CONTRACT PERFORMANCE OUTSIDE THE UNITED STATES
ADDED	IA0654	252.225-7031	01-JUN-1992	SECONDARY ARAB BOYCOTT OF ISRAEL
ADDED	IA0111	252.226-7001	01-SEP-2001	UTILIZATION OF INDIAN ORGANIZATIONS AND INDIAN-OWNED ECONOMIC ENTERPRISES
ADDED	IA0350	252.227-7013	01-NOV-1995	RIGHTS IN TECHNICAL DATA --NONCOMMERCIAL ITEMS
ADDED	IA0624	252.227-7016	01-JUN-1995	RIGHTS IN BID OR PROPOSAL INFORMATION
ADDED	IA0625	252.227-7017	01-JUN-1995	IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS
ADDED	IA0633	252.227-7020	01-JUN-1995	RIGHTS IN SPECIAL WORKS
ADDED	IA0373	252.227-7026	01-APR-1988	DEFERRED DELIVERY OF TECHNICAL DATA OR COMPUTER SOFTWARE
ADDED	IA0374	252.227-7027	01-APR-1988	DEFERRED ORDERING OF TECHNICAL DATA OR COMPUTER SOFTWARE
ADDED	IA0379	252.227-7030	01-MAR-2000	TECHNICAL DATA--WITHHOLDING OF PAYMENT
ADDED	IA0390	252.227-7036	01-JAN-1997	DECLARATION OF TECHNICAL DATA CONFORMITY

PIIN/SIIN DAAE07-03-R-T006

MOD/AMD

ADDED	IA0392	252.227-7037	01-SEP-1999	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA
ADDED	IA0860	252.242-7000	01-DEC-1991	POSTAWARD CONFERENCE
ADDED	IA0890	252.242-7003	01-DEC-1991	APPLICATION FOR U.S. GOVERNMENT SHIPPING DOCUMENTATION/INSTRUCTIONS
ADDED	IA0818	252.243-7001	01-DEC-1991	PRICING OF CONTRACT MODIFICATIONS
ADDED	IA0408	252.244-7000	01-MAR-2000	SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (DoD CONTRACTS)
ADDED	IA0411	252.245-7001	01-MAY-1994	REPORTS OF GOVERNMENT PROPERTY
CHANGED	IF6215	52.215-21	01-OCT-1997	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS ``(ALTERNATE III (OCT 1997))

(a) Exceptions from cost or pricing data.

(1) In lieu of submitting cost or pricing data for modifications under this contract, for price adjustments expected to exceed the threshold set forth at FAR 15.403-4 on the date of the agreement on price or the date of the award, whichever is later, the Contractor may submit a written request for exception by submitting the information described in the following subparagraphs. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable--

(i) Identification of the law or regulation establishing the price offered. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(ii) Information on modifications of contracts of subcontracts for commercial items.

(A) If--

- (1) the original contract or subcontract was granted an exception from cost or pricing data requirements because the price agreed upon was based on adequate price competition, or prices set by law or regulation, or was a contract or subcontract for the acquisition of a commercial item, and
- (2) the modification (to the contract or subcontract) is not exempted based on one of these exceptions, then the Contractor may provide information to establish that the modification would not change the contract or subcontract from a contract or subcontract for the acquisition of a commercial item to a contract or subcontract for the acquisition of an item other than a commercial item.

(B) For a commercial item exception, the Contractor shall provide, at a minimum, information on prices at which the same item or similar items have previously been sold that is adequate for evaluating the reasonableness of the price of the modification. Such information may include--

- (1) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price, including how the proposed price relates to the price or recent sales in quantities similar to the proposed quantities.
- (2) For market-priced items, the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. In addition, describe the nature of the market.
- (3) For items included on an active Federal Supply Service Multiple Award Schedule contract, proof that an exception has been granted for the schedule item.
- (4) The Contractor grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this clause, and the reasonableness of price. For

PIIN/SIIN DAAE07-03-R-T006

MOD/AMD

items priced using catalog or market prices, or law or regulation, access does not extend to cost or profit information or other data relevant solely to the Contractor's determination of the prices to be offered in the catalog or marketplace.

(b) Requirements for cost or pricing data. If the Contractor is not granted an exception from the requirement to submit cost or pricing data, the following applies:

(1) The Contractor shall submit cost or pricing data and supporting attachments in accordance with Table 15-2 of FAR 15.408.

(2) As soon as practicable after agreement on price, but before contract award (except for unpriced actions), the Contractor shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.406-2.

(c) Submit the cost portion of the proposal via the following electronic media: Delivery in MS EXCEL format. Current version is MS 1997.

[End of Clause]

ADDED	IF7405	52.223-11	01-MAY-2001	OZONE-DEPLETING SUBSTANCES
ADDED	IF7238	52.244-6	01-MAY-2002	SUBCONTRACTS FOR COMMERCIAL ITEMS
ADDED	IF7688	52.245-17	01-DEC-1989	SPECIAL TOOLING (91-DEV-44)
ADDED	IF7262	52.252-6	01-APR-1984	AUTHORIZED DEVIATIONS IN CLAUSES
ADDED	IA7622	252.204-7004	01-MAR-2000	REQUIRED CENTRAL CONTRACTOR REGISTRATION
ADDED	IA7807	252.247-7023	01-MAY-2002	TRANSPORTATION OF SUPPLIES BY SEA
ADDED	IA7848	252.248-7000	01-MAY-1994	PREPARATION OF VALUE ENGINEERING CHANGE PROPOSALS
ADDED	IS7002	52.204-4009 (TACOM)	01-JUN-1999	MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION

SECTION K - REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS

ADDED	KF0238	52.222-38	01-DEC-2001	COMPLIANCE WITH VETERANS' EMPLOYMENT REPORTING REQUIREMENTS
ADDED	KA0221	252.209-7001	01-MAR-1998	DISCLOSURE OF OWNERSHIP OR CONTROL BY THE GOVERNMENT OF A TERRORIST COUNTRY per DoD interim rule, Federal Register 27 Mar 98
ADDED	KA0298	252.227-7028	01-JUN-1995	TECHNICAL DATA OR COMPUTER SOFTWARE PREVIOUSLY DELIVERED TO THE GOVERNMENT
CHANGED (a)	KF6230	52.219-1	01-APR-2002	SMALL BUSINESS PROGRAM REPRESENTATIONS (Alternate I dated APR 2002)

(1) The North American Industry Classification System (NAICS) code for this acquisition is 333319 .

(2) The small business size standard is 500 .

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representations.

(1) The offeror represents as part of its offer that it [] is, [] is not, a small business concern.

(2) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, for general statistical purposes, that it [] is, [] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The

PIIN/SHIN DAAE07-03-R-T006

MOD/AMD

offeror represents as part of its offer that it ☐ is, ☐ is not, a woman-owned small business concern.

(4) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents as part of its offer that it ☐ is, ☐ is not, a veteran-owned small business concern.

(5) [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.] The offeror represents as part of its offer that it ☐ is, ☐ is not, a service-disabled veteran-owned small business concern.

(6) [Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.] The offeror represents, as part of its offer, that -

(i) It ☐ is, ☐ is not, a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It ☐ is, ☐ is not, a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (b)(6)(i) of this provision is accurate of the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture]: _____

Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(7) [Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.] The offeror shall check the category in which its ownership falls:

- ☐ Black American.
- ☐ Hispanic American.
- ☐ Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).
- ☐ Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).
- ☐ Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).
- ☐ Individual/concern, other than one of the preceding.

(c) Definitions. As used in this provision--

"Service-disabled veteran-owned small business concern"--

(1) Means a small business concern--

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern," means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

PIIN/SIIN DAAE07-03-R-T006

MOD/AMD

"Women-owned small business concern," means a small business concern --

(1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall --

(i) Be punished by imposition of fine, imprisonment, or both;

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

[End of Provision]

CHANGED KF6231 52.219-1 01-MAY-2001 SMALL BUSINESS PROGRAM REPRESENTATIONS--(ALTERNATES I AND II dated OCT 2000)

(a)

(1) The North American Industry Classification System (NAICS) code for this acquisition is 333319 .

(2) The small business size standard is 500 .

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) Representations.

(1) The offeror represents as part of its offer that it [] is, [] is not a small business concern.

(2) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents, for general statistical purposes, that it [] is, [] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(3) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it [] is, [] is not a women-owned small business concern.

(4) (Complete only if the offeror represented itself as a small business concern in paragraph (b)(1) of this provision.) The offeror represents as part of its offer that it [] is, [] is not a veteran-owned small business concern.

(5) (Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (b)(4) of this provision.) The offeror represents as part of its offer that it [] is, [] is not a service-disabled veteran-owned small business concern.

(c) Definitions. As used in this provision-

"Service-disabled veteran-owned small business concern"-

(1) Means a small business concern-

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

PIIN/SHN DAAE07-03-R-T006

MOD/AMD

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern," as used in this provision, means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern-

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern," as used in this provision, means a small business concern-

(1) That is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a small, HUBZone small, small disadvantaged, or women-owned small business concern in order to obtain a contract to be awarded under the preference programs established pursuant to section 8(a), 8(d), 9, or 15 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall --

(i) Be punished by imposition of fine, imprisonment, or both;

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

(e) [Complete only if offeror represented itself as small business concern in paragraph (b)(1) of this provision].

The offeror represents, as part of its offer, that--

(i) It ☐ is, ☐ is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR Part 126; and

(ii) It ☐ is, ☐ is not a joint venture that complies with the requirements of 13 CFR Part 126, and the representation in paragraph (b)(4)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture: _____.] Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(f) [Complete if offeror represented itself as disadvantaged in paragraph (b)(2) of this provision.]

The offeror shall check the category in which its ownership falls:

☐ Black American.

☐ Hispanic American.

☐ Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).

PIIN/SIIN DAAE07-03-R-T006

MOD/AMD

- [] Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory of the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).
- [] Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).
- [] Individual/concern, other than one of the preceding.

[End of Provision]

ADDED	KF7100	52.203-2	01-APR-1985	CERTIFICATE OF INDEPENDENT PRICE DETERMINATION
ADDED	KF7223	52.203-11	01-APR-1991	CERTIFICATION AND DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
ADDED	KF7070	52.204-3	01-OCT-1998	TAXPAYER IDENTIFICATION
ADDED	KF7733	52.204-6	01-JUN-1999	DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER
ADDED	KF7095	52.207-4	01-AUG-1987	ECONOMIC PURCHASE QUANTITY -- SUPPLIES
ADDED	KF7400	52.209-5	01-DEC-2001	CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS
ADDED	KF7009	52.215-6	01-OCT-1997	PLACE OF PERFORMANCE
ADDED	KF7231	52.219-2	01-OCT-1995	EQUAL LOW BIDS
ADDED	KF7016	52.222-22	01-FEB-1999	PREVIOUS CONTRACTS AND COMPLIANCE REPORTS
ADDED	KF7017	52.222-25	01-APR-1984	AFFIRMATIVE ACTION COMPLIANCE
ADDED	KF7511	52.223-13	01-OCT-2000	CERTIFICATION OF TOXIC CHEMICAL RELEASE REPORTING
ADDED	KF7303	52.227-6	01-APR-1984	ROYALTY INFORMATION
ADDED	KF7115	52.247-53	01-APR-1984	FREIGHT CLASSIFICATION DESCRIPTION
ADDED	KF7369	52.247-60	01-DEC-1989	GUARANTEED SHIPPING CHARACTERISTICS
ADDED	KA7893	252.223-7001	01-DEC-1991	HAZARD WARNING LABELS
ADDED	KA7850	252.225-7000	01-SEP-1999	BUY AMERICAN ACT - BALANCE OF PAYMENTS PROGRAM CERTIFICATE
ADDED	KA7800	252.225-7003	01-MAR-1998	INFORMATION FOR DUTY-FREE ENTRY EVALUATION
ADDED	KA7806	252.247-7022	01-AUG-1992	REPRESENTATION OF EXTENT OF TRANSPORTATION BY SEA
ADDED	KS7413	52.204-4007 (TACOM)	01-MAR-2001	OFFEROR'S DATAFAX NUMBER, E-MAIL ADDRESS, AND CAGE CODE
ADDED	KS7011	52.211-4034 (TACOM)	01-NOV-1982	IDENTIFICATION OF OFFERED PART NUMBER
ADDED	KS7035	52.215-4005 (TACOM)	01-OCT-1985	MINIMUM ACCEPTANCE PERIOD
ADDED	KS7008	52.215-4010 (TACOM)	01-JAN-1998	AUTHORIZED NEGOTIATORS

PIIN/SIIN DAAE07-03-R-T006

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ADDED	KS7151	52.223-4002 (TACOM)	01-DEC-1993	USE OF CLASS I OZONE-DEPLETING SUBSTANCES (CIODS)
ADDED	KS7147	52.225-4003 (TACOM)	01-MAR-1990	IDENTIFICATION OF SUPPLY CONTRACT/SUBCONTRACT(S) WITH A UNITED KINGDOM (UK) FIRM IN EXCESS OF \$1 MILLION
ADDED	KS7279	52.245-4004 (TACOM)	01-JAN-1991	REPRESENTATION OF GOVERNMENT-OWNED PROPERTY FOR POSSIBLE USE
ADDED	KS7002	52.247-4010 (TACOM)	01-FEB-1994	TRANSPORTATION DATA FOR F.O.B. ORIGIN OFFERS
ADDED	KS7003	52.247-4011 (TACOM)	01-SEP-1978	F.O.B. POINT
SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS				
ADDED	LF0104	52.211-2	01-DEC-1999	AVAILABILITY OF SPECIFICATIONS LISTED IN THE DOD INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) AND DESCRIPTIONS LISTED IN THE ACQUISITION MANAGEMENT SYSTEMS AND DATA REQUIREMENTS CONTROL LIST, DOD 5010.12-L
ADDED	LF0106	52.211-14	01-SEP-1990	NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE USE
ADDED	LF0020	52.215-1	01-MAY-2001	INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITIONS (ALTERNATE I (OCT 1997) AND ALTERNATE II (OCT 1997))
ADDED	LF0040	52.222-24	01-FEB-1999	PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE REVIEW
ADDED	LF0043	52.232-13	01-APR-1984	NOTICE OF PROGRESS PAYMENTS
ADDED	LA0842	252.204-7001	01-AUG-1999	COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE REPORTING
ADDED	LA0010	252.209-7003	01-MAR-1998	COMPLIANCE WITH VETERANS' EMPLOYMENT REPORTING REQUIREMENTS
ADDED	LF7611	52.216-1	01-APR-1984	TYPE OF CONTRACT
ADDED	LF7300	52.233-2	01-AUG-1996	SERVICE OF PROTEST
ADDED	LM7015	52.233-4001 (TACOM)	01-MAY-2000	HQ-AMC LEVEL PROTEST PROCEDURES
ADDED	LS7307	52.209-4008 (TACOM)	01-APR-1986	CAUTION CONCERNING THE PRICING OF FIRST ARTICLE APPROVAL
ADDED	LS7431	52.211-4036 (TACOM)	01-APR-2000	FORMAT OF THE TECHNICAL DATA PACKAGE (TDP)
ADDED	LS7830	52.211-4047 (TACOM)	01-APR-2000	NOTICE TO OFFERORS INTENDING TO OFFER OTHER THAN NEW MATERIAL (NEGOTIATED)
ADDED	LS7001	52.215-4003 (TACOM)	01-SEP-1999	HANDCARRIED OFFERS - INCLUDING OFFERS DELIVERED BY EXPRESS SERVICES (NON-US POSTAL SERVICE MAIL)
ADDED	LS7006	52.215-4404	01-MAY-2002	DATA AND COMMUNICATIONS SUBMITTED TO THE GOVERNMENT ELECTRONICALLY
ADDED	LS7998	52.215-4405	01-NOV-2002	ACCESS TO THE DETROIT ARSENAL; IDENTIFYING CONTRACTOR EMPLOYEES; NON-DISCLOSURE STATEMENT
ADDED	LS7010	52.215-4502	01-APR-1999	PARTNERING
ADDED	LS7850	52.215-4850 (TACOM)	01-JUL-2001	ELECTRONIC OFFERS REQUIRED IN RESPONSE TO THIS SOLICITATION

PIIN/SIIN DAAE07-03-R-T006

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ADDED	LS7011	52.219-4003 (TACOM)	01-JUN-1997	HELP FOR SMALL, DISADVANTAGED AND WOMAN-OWNED FIRMS
ADDED	LS7040	52.233-4000 (TACOM)	01-AUG-1999	NOTICE REGARDING TACOM OMBUDSPERSON AND AMC-LEVEL PROTEST PROGRAM
ADDED	LS7055	52.245-4002 (TACOM)	01-MAR-1996	ACQUISITION OF NEW FACILITIES, SPECIAL TEST EQUIPMENT, OR SPECIAL TOOLING
ADDED	LS7444	52.246-4051 (TACOM)	01-FEB-1998	OFFEROR'S QUALITY ASSURANCE SYSTEM (ALT I)

SECTION M - EVALUATION FACTORS FOR AWARD

ADDED	MF0004	52.217-5	01-JUL-1990	EVALUATION OF OPTIONS
ADDED	MF0051	52.247-46	01-APR-1984	SHIPPING POINT(S) USED IN EVALUATION OF F.O.B. ORIGIN OFFERS
ADDED	MF0052	52.247-47	01-APR-1984	EVALUATION--F.O.B. ORIGIN
ADDED	MS7311	52.209-4011 (TACOM)	01-JAN-2001	CONTRACTOR RESPONSIBILITY AND ELIGIBILITY FOR AWARD
ADDED	MS7911	52.216-4006 (TACOM)	01-OCT-2001	METHOD OF PRICE EVALUATION
ADDED	MS7060	52.217-4003 (TACOM)	01-FEB-1998	EVALUATION OF INCOMPLETE OPTION PRICING